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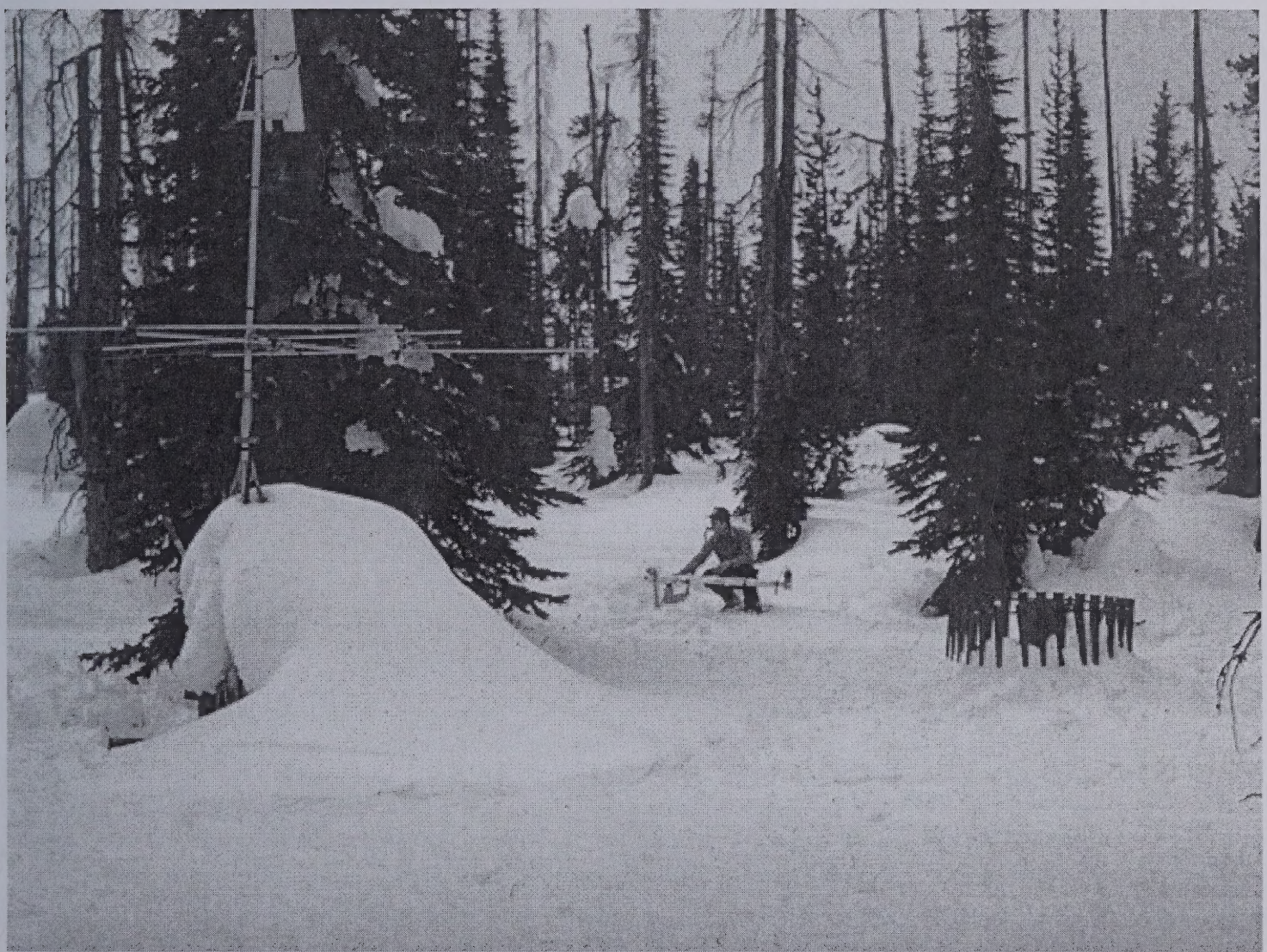
Natural Resources Conservation Service

Montana Water Supply Outlook Report April 1, 2008



Picture: Black Bear SNOTEL Site - Winter of 1997

Water Supply Outlook Report
and
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:
See Attached List

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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United States Department of Agriculture
Natural Resources Conservation Service

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Federal Bldg Room 443
Bozeman MT 59715

Where to Get More Information

This contact list provides the names and phone numbers of individuals who can provide more detailed snow survey information for each county.

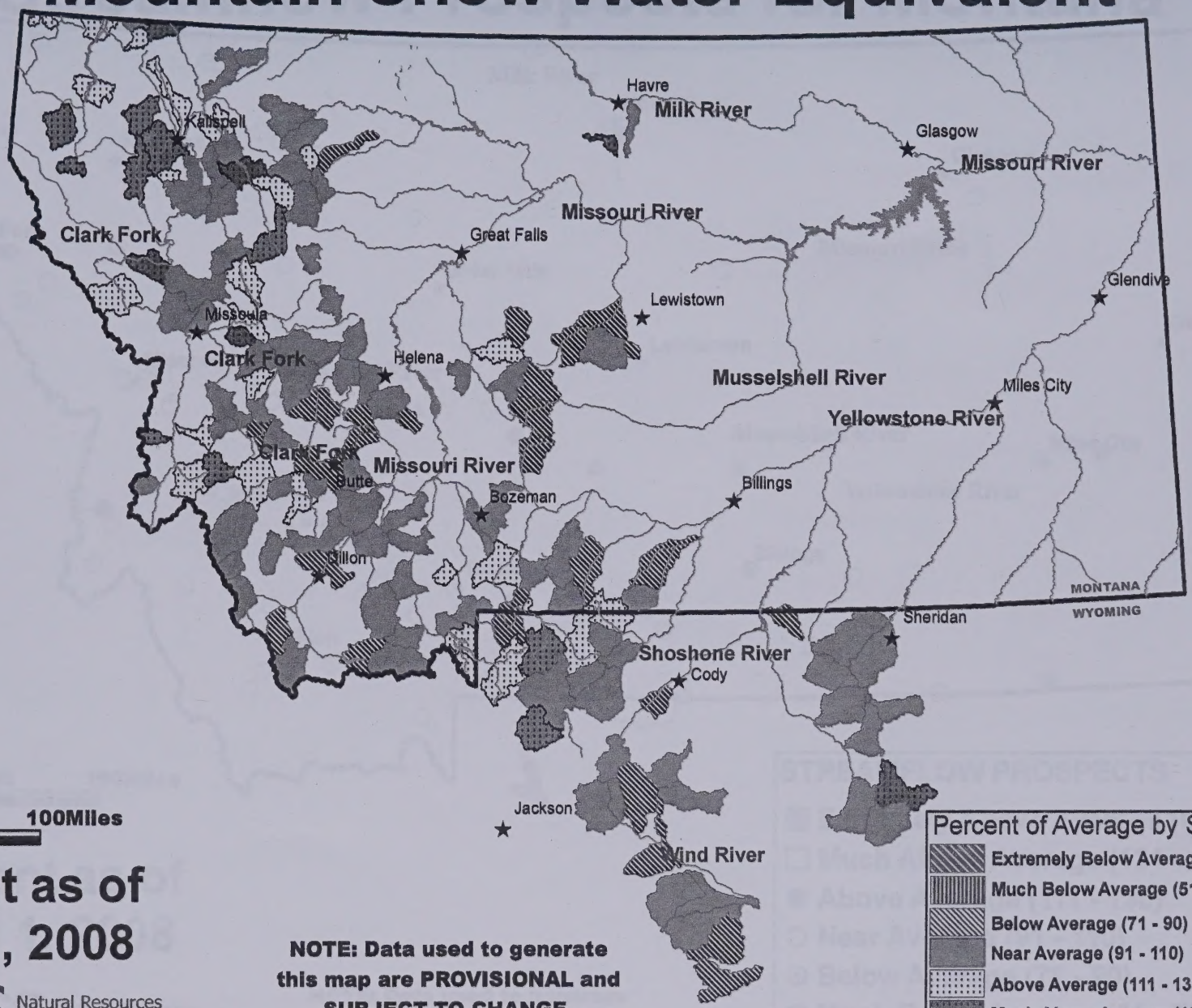
Beaverhead County Jim Olson 638-3800	**Dawson County** Linda Peterson-Lohse 377-5566	**Hill County** Deana Grabofsky 265-6792
Big Horn County Evan Van Order 665-3442	**Deer Lodge County** Glen Green 846-1703	**Jefferson County** Ronnie Maurer 278-3215
Blaine County Matthew Crampton 357-2320	**Fallon County** Ann Fisher 778-2238	**Judith Basin County** Rick Caquelin 566-2311
Broadwater County Karla Ware 266-3146	**Fergus County** Patty Creamer 538-7401	**Lake County** Carlos Rodriques 676-2841
Carbon County Gregory Evertz 962-3641	**Flathead County** Angel Rosario 752-4242	**Lewis and Clark County** Mindy Gauthier 449-5000
Carter County Wayne Yost 775-6355	**Gallatin County** Denise Wiedenheft 522-4018	**Liberty County** Dan Kultgen 759-5778
Cascade County Dale Krause 727-7580	**Garfield County** Sue Fitzgerald 557-2740	**Lincoln County** Kirk Sullivan 296-7152
Chouteau County Lanny Walker 622-5627	**Glacier County** Mark Johnson 873-4292	**Madison County** Ole Berkram 842-5741
Custer County Rusty Irion 232-7905	**Golden Valley County** Justin Meissner 323-2103	**McCone County** Regan Kirchner 485-2744
Daniels County Valerie Oksendahl 487-5366	**Granite County** Bret Bledsoe 859-3291	**Meagher County** Jeremy Frye 547-3633

Mineral County Kristine Berg 829-3395	**Prairie County** Dick Scheetz 635-5381	**Sweet Grass County** Chuck Roloff 932-5160
Missoula County Kristine Berg 829-3395	**Ravalli County** Henry Burkwhat 363-1444	**Teton County** Thedis Crowe 466-5722
Musselshell County Justin Meissner 323-2103	**Richland County** Jamie Selting 433-2103	**Toole County** Misty Vermulm 434-5234
Park County Ron Hoagland 222-2899	**Roosevelt County** Robert Bray 787-5232	**Treasure County** Danae Pinkerton 342-5510
Petroleum County Nikki Rife 429-6646	**Rosebud County** Rocky Schwagler 346-7333	**Valley County** Tracy Cumber 228-4321
Phillips County Lorna Philip 654-1334	**Sanders County** Don Feist 826-3701	**Wheatland County** John Oiestad 632-5534
Pondera County Stacy Eneboe 278-7611	**Sheridan County** Monica Friedrich 765-1801	**Wibaux County** Katrina Johnson 796-2211
Powder River County Carol Hilliard 436-2321	**Silver Bow County** Ronnie Maurer 287-3215	**Yellowstone County** Valerie Roberson 657-6135
Powell County Glen Green 846-1703	**Stillwater County** Ted Nelson 322-5359	

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Mountain Snow Water Equivalent

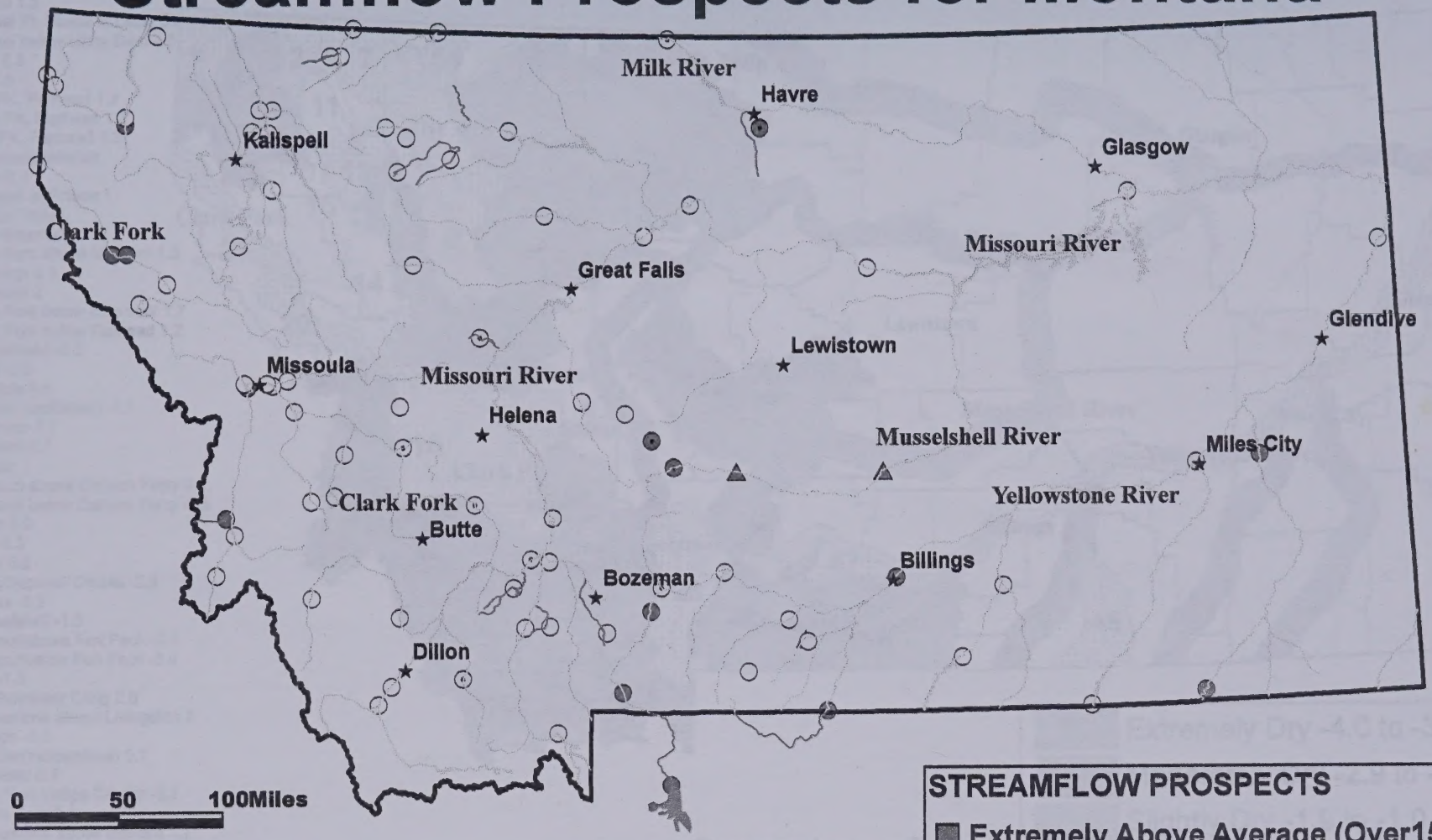


Mountain Estates Mobile Home Park

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Streamflow Prospects for Montana



Current as of April 1, 2008

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

STREAMFLOW PROSPECTS

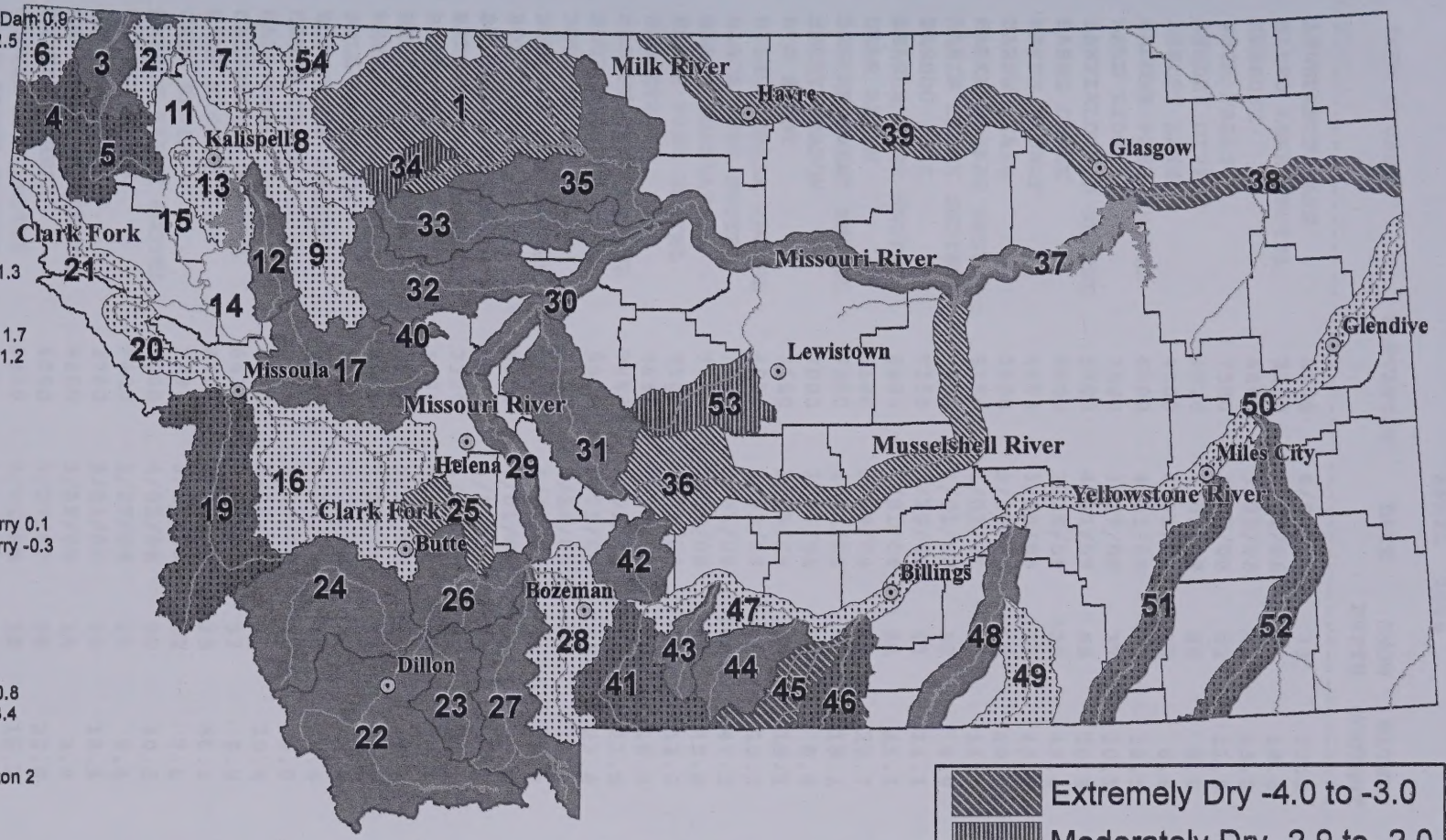
- Extremely Above Average (Over150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- Below Average (71 - 90)
- Much Below Average (51 - 70)
- Extremely Below Average (Below 51)

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

RIVER INDEX & SWSI VALUES

1 Marias above Tiber Reservoir -1.3
2 Tobacco 1.5
3 Kootenai Ft. Steele to Libby Dam 0.9
4 Kootenai below Libby Dam 2.5
5 Fisher 2.3
6 Yaak 1.6
7 North FK. Flathead 1.2
8 Middle FK. Flathead 1.3
9 South FK. Flathead 1.3
11 Stillwater/Whitefish
12 Swan 0.1
13 Flathead at Polson 1
14 Mission Valley
15 Little Bitterroot
16 Clark Fork above Milltown 1.3
17 Blackfoot 0.3
19 Bitterroot 2
20 Clark Fork below Bitterroot 1.7
21 Clark Fork below Flathead 1.2
22 Beaverhead -0.2
23 Ruby -0.8
24 Big Hole 0.4
25 Boulder (Jefferson) -1.1
26 Jefferson 0.7
27 Madison 0.7
28 Gallatin 1
29 Missouri above Canyon Ferry 0.1
30 Missouri below Canyon Ferry -0.3
31 Smith 0.9
32 Sun -0.3
33 Teton 0.6
34 Birch/Dupuyer Creeks -2.9
35 Marias -0.2
36 Musselshell -1.5
37 Missouriabove Fort Peck -0.8
38 Missouribelow Fort Peck -3.4
39 Milk -1.9
40 Dearbornnear Craig 0.6
41 Yellowstone above Livingston 2
42 Shields -0.3
43 Boulder(Yellowstone) 0.7
44 Stillwater 0.6
45 Rock/Red Lodge Creeks -3.2
46 Clarks Fork 2.5
47 Yellowstone above Bighorn 1.7
48 Bighorn below Bighorn Lake 0.1
49 Little Bighorn 1.2
50 Yellowstone below Bighorn 1
51 Tongue 2.7
52 Powder 2
53 Upper Judith River -2.9
54 Saint Mary River 1.2



Current as of April 1, 2008

0 45 90 Miles

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

- Extremely Dry -4.0 to -3.0
- Moderately Dry -2.9 to -2.0
- Slightly Dry -1.9 to -1.0
- Near Average -0.9 to 0.9
- Sightly Wet 1.0 to 1.9
- Moderately Wet 2.0 to 2.9
- Extremely Wet 3.0 to 4.0
- SWSI Not Applicable

SNOTEL AND SNOW COURSE SUMMARY

APRIL 2008

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ABUNDANCE LAKE	8800	4/02/08	73	23.3	14.0	20.6
ALBRO LAKE SNOTEL	8300	4/01/08	75	18.8	15.9	20.8
AMBROSE	6480	3/25/08	43	13.0	9.4	12.4
ARCH FALLS	7350	3/25/08	42	11.6	8.7	11.9
ASHLEY DIVIDE	4820	4/01/08	28	8.6	.6	6.0
ASHLEY LAKE	4000	4/01/08	22	6.6	1.6	5.5
BADGER PASS SNOTEL	6900	4/01/08	99	39.5	29.1	35.3
BALD RIDGE	7500	3/27/08	37	10.1	8.1	12.4
BANFIELD MTN SNOTEL	5600	4/01/08	60	20.3	15.2	19.8
BAREE CREEK	5500	3/25/08	129	49.4	33.3	43.1
BAREE MIDWAY	4600	3/25/08	117	43.8	26.7	33.0
BAREE TRAIL	3800	3/25/08	52	20.5	8.1	7.7
BARKER LAKES SNOTEL	8250	4/01/08	57	14.1	14.0	14.6
BASIN CREEK SNOTEL	7180	4/01/08	32	6.9	6.4	8.7
BASSOO PEAK	5150	3/25/08	41	14.1	6.6	9.7
BEAGLE SPGS SNOTEL	8850	4/01/08	44	11.1	7.1	9.3
BEAR BASIN	8150	3/28/08	70	22.7	11.1	20.4
BEAVER CREEK SNOTEL	7850	4/01/08	62	19.1	12.9	18.2
BERRY MEADOW	7000	3/26/08	23	5.6	3.0	7.4
BIG SNOWY	7150	3/25/08	48	15.1	18.2	20.2
BISSON CREEK SNOTEL	4920	4/01/08	38	10.3	5.5	9.9
BLACK BEAR SNOTEL	7950	4/01/08	140	47.2	30.7	39.8
BLACK MOUNTAIN	7750	3/25/08	45	12.6	16.2	14.6
BLACK PINE SNOTEL	7100	4/01/08	43	13.0	8.7	12.5
BLACKTAIL	5650	3/30/08	54	16.8	9.5	14.2
BLOODY DICK SNOTEL	7550	4/01/08	54	13.5	9.2	12.6
BLUE LAKE	5900	3/25/08	65	23.4	18.0	23.7
BOTS SOTS	7750	3/28/08	35	7.8	3.2	7.8
BOULDER MTN SNOTEL	7950	4/01/08	74	20.9	16.9	20.4
BOX CANYON SNOTEL	6700	4/01/08	42	11.5	5.4	10.4
BOXELDER CREEK	5100	3/27/08	24	7.4	5.7	7.6
BRACKETT CR SNOTEL	7320	4/01/08	69	21.1	12.3	21.5
BRANHAM LAKES	8850	3/26/08	80	30.2	21.9	28.9
BRISTOW CREEK	3900	3/26/08	41	15.8	7.5	8.4
BRUSH CREEK TIMBER	5000	3/26/08	34	11.3	4.6	8.1
BULL MOUNTAIN	6600	3/25/08	22	5.9	.0	5.9
BURNT MTN SNOTEL	5880	4/01/08	28	5.6	.5	6.2
CABIN CREEK	5200	3/26/08	19	5.8	.3	5.4
CALL ROAD	8050	3/28/08	41	10.8	6.6	11.9
CALVERT CR SNOTEL	6430	4/01/08	37	9.9	3.1	8.1
CAMP MISERY	6400	3/27/08	135	50.3	38.3	49.3
CAMP SENIA	7890	3/28/08	32	7.0	2.9	6.2
CARROT BASIN SNOTEL	9000	4/01/08	95	30.5	20.0	28.1
CARTER CREEK	7400	3/27/08	25	5.4	2.9	6.3
CEDAR GROVE	3760	3/31/08	56	18.1	7.2	11.4
CHESSMAN RESERVOIR	6200	3/25/08	15	3.9	.5	3.5
CHICKEN CREEK	4060	3/27/08	68	23.0	14.3	15.2
CLOVER MDW SNOTEL	8800	4/01/08	58	15.2	15.0	18.0
COLE CREEK SNOTEL	7850	4/01/08	49	10.8	10.9	16.4
COLLEY CREEK	6300	3/26/08	32	8.2	4.1	7.9
COMBINATION SNOTEL	5600	4/01/08	26	6.7	.0	4.9
COPPER BOTTOM SNOTEL	5200	4/01/08	32	9.9	.0	11.0
COPPER CAMP SNOTEL	6950	4/01/08	138	52.3	42.0	--
COPPER CREEK	5700	3/26/08	40	13.8	.0	13.3
COPPER MOUNTAIN	7700	3/27/08	39	10.6	7.5	11.2
COTTONWOOD CREEK	6400	3/25/08	25	6.7	6.8	8.3
COYOTE HILL	4200	3/28/08	31	11.2	2.4	8.7
CREVICE MOUNTAIN	8400	3/26/08	46	12.7	7.8	10.8
CRYSTAL LAKE SNOTEL	6050	4/01/08	53	12.5	13.0	12.3
DAD CREEK LAKE	8400	4/02/08	51	11.7	8.6	14.9
DAISY PEAK SNOTEL	7600	4/01/08	39	7.9	7.9	11.0

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
DALY CREEK SNOTEL	5780	4/01/08	46	13.7	8.1	11.1
DARKHORSE LK. SNOTEL	8700	4/01/08	99	35.0	25.3	32.5
DAVIS CREEK	5400	3/25/08	75	26.8	23.8	24.2
DEADMAN CR SNOTEL	6450	4/01/08	43	11.3	6.6	10.0
DESERT MOUNTAIN	5600	3/26/08	51	16.6	11.2	14.7
DISCOVERY BASIN	7050	3/28/08	33	8.4	9.3	10.4
DIVIDE SNOTEL	7800	4/01/08	41	9.6	7.0	11.3
DIX HILL	6400	3/30/08	39	12.2	4.3	10.3
DUPUYER CREEK SNOTEL	5750	4/01/08	34	8.8	4.6	9.9
EAGLE CREEK	7000	3/27/08	40	12.0	8.0	13.8
EAST FORK R.S.	5400	3/28/08	23	6.3	.4	4.7
EL DORADO MINE	7800	3/29/08	44	13.1	10.3	20.2
ELK HORN SPRINGS	7800	4/02/08	37	9.9	3.8	9.1
ELK PEAK	8000	3/27/08	40	11.6	12.6	16.1
EMERY CREEK SNOTEL	4350	4/01/08	59	17.7	8.9	15.3
FATTY CREEK	5500	3/28/08	75	23.9	18.2	24.3
FISH CREEK	8000	3/27/08	34	8.4	8.6	9.9
FISHER CREEK SNOTEL	9100	4/01/08	135	42.6	28.1	35.4
FIVE-BULL	5700	3/26/08	24	6.0	.0	5.5
FLATTOP MTN SNOTEL	6300	4/01/08	146	48.7	40.6	45.1
FLEECER RIDGE	7500	3/25/08	37	10.2	5.5	10.9
FOOLHEN	8280	4/02/08	58	16.8	10.2	16.2
FOREST LAKE	6400	3/27/08	35	10.3	5.4	11.7
FOUR MILE	6900	3/25/08	29	8.0	2.1	8.4
FRED BURR PASS	8000	3/28/08	65	22.0	25.2	23.9
FREIGHT CREEK	6000	3/26/08	45	14.2	8.4	14.8
FROHNER MDWS SNOTEL	6480	4/01/08	32	7.7	6.2	8.0
GARVER CREEK SNOTEL	4250	4/01/08	46	13.3	9.0	9.9
GIBBONS PASS	7100	3/28/08	74	25.8	16.0	22.7
GOAT MOUNTAIN	7000	3/23/08	35	11.5	6.1	9.7
GOLD CREEK LAKE	7200	3/29/08	63	21.9	16.9	14.7
GOLD STONE	8100	4/02/08	58	18.0	9.0	16.9
GRASSHOPPER	7000	3/27/08	20	4.6	2.0	5.8
GRAVE CRK SNOTEL	4300	4/01/08	59	18.8	9.5	15.6
GRIFFIN CR DIVIDE	5150	3/25/08	40	13.2	3.7	10.3
GUNSIGHT LAKE	6300	3/25/08	109	42.7	31.3	39.3
HAND CREEK SNOTEL	5030	4/01/08	49	14.0	5.1	11.7
HAWKINS LAKE SNOTEL	6450	4/01/08	98	29.1	28.8	27.4
HAYMAKER	8050	3/26/08	32	9.4	7.7	11.8
HEBGEN DAM	6550	4/01/08	38	10.6	1.3	12.0
HELL ROARING DIVIDE	5770	3/25/08	92	33.4	23.6	29.5
HERRIG JUNCTION	4850	3/27/08	89	30.7	22.3	26.0
HOLBROOK	4530	3/28/08	36	11.6E	.0	8.2
HOODOO BASIN SNOTEL	6050	4/01/08	167	51.5	34.5	45.3
INDEPENDENCE	7850	3/25/08	57	16.4	11.4	17.4
INTERGAARD	6450	3/28/08	23	6.3	4.5	7.7
JAHNKE LAKE TRAIL	7200	4/02/08	40	11.2	5.7	10.4
JOHNSON PARK	6450	3/26/08	20	5.8	.8	5.5
KINGS HILL	7500	3/27/08	42	11.6	8.8	13.7
KISHENEHN	3890	3/30/08	37	11.5	6.1	6.8
KRAFT CREEK SNOTEL	4750	4/01/08	41	15.7	.0	14.1
LAKE CREEK	6100	3/28/08	28	8.3	1.6	8.2
LAKEVIEW CANYON	6930	4/01/08	41	11.5E	6.2	11.1
LAKEVIEW RDG. SNOTEL	7400	4/01/08	43	11.3	7.2	11.8
LEMHI RIDGE SNOTEL	8100	4/01/08	46	11.9	7.2	11.2
LICK CREEK SNOTEL	6860	4/01/08	47	11.9	10.1	13.0
LITTLE PARK	7400	3/28/08	58	18.1	9.3	15.9
LOGAN CREEK	4300	3/26/08	33	9.9	4.6	6.7
LONE MOUNTAIN SNOTEL	8880	4/01/08	71	21.9	14.8	18.7
LOST SOUL	4800	3/26/08	52	17.8	11.5	14.0
LOWER TWIN SNOTEL	7900	4/01/08	65	18.2	12.2	19.0
LUBRECHT SNOTEL	4680	4/01/08	17	5.5	.0	3.6
LUBRECHT FOREST NO 3	5450	3/31/08	23	6.8	.0	5.7
LUBRECHT FOREST NO 4	4650	3/31/08	11	2.3	.0	1.3

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LUBRECHT FOREST NO 6	4040	3/31/08	13	3.0	.0	1.6
LUBRECHT HYDROPLOT	4200	3/31/08	18	5.6	.0	2.9
MADISON PLT SNOTEL	7750	4/01/08	93	30.7	16.5	25.5
MANY GLACIER SNOTEL	4900	4/01/08	50	16.4	5.5	15.3
MARIAS PASS	5250	3/28/08	56	18.9	11.5	16.8
MIDDLE MILL CREEK	7850	3/26/08	53	16.4	10.4	15.6
MILL CREEK	7500	3/27/08	50	14.2	10.5	12.6
MINERAL CREEK	4000	3/27/08	57	19.5	4.6	17.4
MONUMENT PK SNOTEL	8850	4/01/08	81	24.2	17.1	21.0
MOSS PEAK SNOTEL	6780	4/01/08	113	34.7	35.2	38.2
MOULTON RESERVOIR	6850	3/27/08	30	7.3	3.1	6.9
MT LOCKHART SNOTEL	6400	4/01/08	67	23.2	16.7	21.1
MUDD LAKE	7650	4/02/08	64	21.4	14.4	19.7
MULE CREEK SNOTEL	8300	4/01/08	62	16.5	11.9	15.8
N.E. ENTRANCE SNOTEL	7350	4/01/08	44	11.0	3.8	11.3
NEVADA RIDGE SNOTEL	7020	4/01/08	54	15.8	10.9	15.5
NEW WORLD	6900	3/28/08	51	15.3	8.8	14.6
NEZ PERCE CMP SNOTEL	5650	4/01/08	52	16.9	9.9	14.7
NEZ PERCE CREEK	6600	3/27/08	25	5.6	2.6	6.5
NEZ PERCE PASS	6570	3/24/08	57	17.8	8.8	17.8
N.F. ELK CR SNOTEL	6250	4/01/08	42	11.2	9.7	12.4
NF JOCKO SNOTEL	6330	4/01/08	118	42.8	32.8	45.3
NOISY BASIN SNOTEL	6040	4/01/08	129	39.3	33.7	40.9
NOTCH	8500	3/28/08	58	18.6	13.4	16.7
OPHIR PARK	7150	3/30/08	45	13.8	10.3	16.7
PETERSON MDW SNOTEL	7200	4/01/08	41	9.1	10.3	10.5
PICKET PIN LOWER	6200	3/25/08	13	3.2	.0	2.6
PICKET PIN MIDDLE	7250	3/25/08	32	8.2	.6	10.9
PICKET PIN UPPER	8100	3/25/08	59	15.6	13.3	19.3
PICKFOOT CRK SNOTEL	6650	4/01/08	44	11.1	5.2	11.7
PIKE CREEK SNOTEL	5930	4/01/08	80	28.7	19.9	27.5
PIPESTONE PASS	7200	3/27/08	20	4.2	2.6	5.7
PLACER BASIN SNOTEL	8830	4/01/08	71	18.7	13.8	17.8
POORMAN CR SNOTEL	5100	4/01/08	134	45.6	31.3	32.7
PORCUPINE SNOTEL	6500	4/01/08	23	6.7	.0	6.9
POTOMAGETON PARK	7150	3/28/08	50	14.9	9.4	13.8
RED MOUNTAIN	6000	4/01/08	66	21.0	16.2	18.8
REVAIS CREEK	4800	3/26/08	11	2.8	.0	1.8
ROCK CREEK	5600	3/25/08	32	10.4	2.2	9.8
ROCK CREEK MEADOW	8160	3/31/08	78	24.9	16.1	20.7
ROCKER PEAK SNOTEL	8000	4/01/08	51	12.2	12.0	14.3
ROCKY BOY SNOTEL	4700	4/01/08	15	4.8	.8	4.4
SACAJAWEA	6550	3/25/08	41	13.4	4.4	13.8
SACAJAWEA SNOTEL	6550	4/01/08	50	15.6	6.5	14.8
SADDLE MTN SNOTEL	7900	4/01/08	93	29.5	19.9	25.8
S.F. SHIELDS SNOTEL	8100	4/01/08	52	14.6	12.6	17.7
SHORT CREEK SNOTEL	7000	4/01/08	17	5.5	3.2	6.1
SHOWER FALLS SNOTEL	8100	4/01/08	92	25.5	19.0	22.7
SKALKAHO SNOTEL	7260	4/01/08	78	26.3	19.5	24.3
SLAG-A-MELT LAKE	8750	4/02/08	76	25.6	15.0	24.9
SLEEPING WOMAN SNTL	6150	4/01/08	66	20.7	12.3	17.2
SLIDE ROCK MOUNTAIN	7100	3/28/08	48	15.7	9.9	15.5
SMUGGLER MINE	6960	3/26/08	36	9.8	5.6	9.7
SPOTTED BEAR MTN.	7000	3/25/08	43	15.6	6.7	14.1
SPUR PARK SNOTEL	8100	4/01/08	76	21.8	18.3	21.5
STAHL PEAK SNOTEL	6030	4/01/08	117	39.2	31.3	35.3
STEMPLE PASS	6600	3/26/08	35	10.3	6.7	10.2
STORM LAKE	7780	3/26/08	46	12.4	12.0	13.3
STRYKER BASIN	6180	3/29/08	107	38.4	24.3	31.9
STUART MOUNTAIN SNTL	7400	4/01/08	102	34.0	28.6	34.2
TAYLOR ROAD	4080	3/27/08	11	2.7	.0	1.7
TEN MILE LOWER	6600	3/25/08	28	7.1	4.1	7.0
TEN MILE MIDDLE	6800	3/25/08	36	9.1	8.2	11.4

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
TEPEE CREEK SNOTEL	8000	4/01/08	50	15.1	10.8	13.5
TIMBERLINE CREEK	8850	4/01/08	---	15.2E	10.0	14.2
TIZER BASIN SNOTEL	6840	4/01/08	31	8.4	10.3	10.3
TRAIL CREEK	7090	4/02/08	33	8.5	3.1	8.5
TRINKUS LAKE	6100	3/25/08	116	43.6	36.1	42.0
TRUMAN CREEK	4060	4/01/08	25	7.2	.4	3.7
TV MOUNTAIN	6800	3/28/08	62	20.1	15.1	18.3
TWELVEMILE SNOTEL	5600	4/01/08	70	25.8	9.5	17.5
TWENTY-ONE MILE	7150	3/29/08	58	18.1	9.2	16.9
TWIN CREEKS	3580	3/25/08	41	16.2	4.2	9.6
TWIN LAKES SNOTEL	6400	4/01/08	134	51.8	33.5	39.7
UPPER HOLLAND LAKE	6200	3/25/08	87	33.6	25.6	34.6
WALDRON SNOTEL	5600	4/01/08	41	11.9	8.6	10.8
WARM SPRINGS SNOTEL	7800	4/01/08	70	20.5	21.3	21.2
WEASEL DIVIDE	5450	3/31/08	96	34.2	25.5	32.9
WEST YELL'ST SNOTEL	6700	4/01/08	54	15.1	5.5	12.8
WHISKEY CREEK SNOTEL	6800	4/01/08	68	19.3	10.4	17.4
WHITE MILL SNOTEL	8700	4/01/08	100	28.8	18.2	24.6
WHITE PINE RIDGE	8850	4/02/08	30	5.7	4.6	6.0
WILLOW CREEK	6500	3/24/08	25	6.3	1.2	8.1
WOOD CREEK SNOTEL	5960	4/01/08	36	9.9	6.6	10.0
WRONG CREEK	5700	3/25/08	40	13.0	7.2	12.3
WRONG RIDGE	6800	3/25/08	51	17.0	11.0	18.0

Montana Water Supply Outlook Report as of April 1, 2008

March mountain precipitation statewide was 88 percent of average and water year precipitation was 102 percent of average. March mountain precipitation west of the Continental Divide was 94 percent of average and east of the Continental Divide was 83 percent of average. March mountain precipitation in the Lower Yellowstone River Basin faired the best at 121 percent of average. On April 1, the mountain snowfall season is about 95 percent complete and the mountains will typically reach seasonal peaks during April. April 1 snowpack statewide was slightly above average and well above last year. However, river basins that have areas of below average snowpack and need close monitoring include the Jefferson, Upper Clark Fork, Judith, Musselshell, and Upper Yellowstone.

Snowpack

As of April 1, mountain snow water content values statewide were 108 percent of average and 155 percent of last year. West of the Continental Divide snowpack was 113 percent of average and 151 percent of last year. East of the Continental Divide snowpack was 103 percent of average and 153 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR	MARCH % CHANGE
COLUMBIA	113	151	+ 4
KOOTENAI, MONTANA	122	143	+ 5
KOOTENAI, CANADA	94	90	- 4
FLATHEAD, MONTANA	111	153	+ 4
FLATHEAD, CANADA	109	145	-10
UPPER CLARK FORK	99	139	+ 6
BITTERROOT	119	168	+ 4
LOWER CLARK FORK	127	159	0
MISSOURI	102	156	- 4
MISSOURI HEADWATERS	104	159	- 3
JEFFERSON	101	150	- 4
MADISON	107	165	- 1
GALLATIN	108	161	- 1
MISSOURI MAINSTEM	98	146	- 4
HEADWATERS MAINSTEM	95	126	- 2
SMITH-JUDITH-MUSSELSHELL	92	140	- 3
SUN-TETON-MARIAS	105	157	- 5
MILK (Bearpaw Mtns.)	109	229	- 5
ST. MARY	109	167	- 1
ST. MARY & MILK	109	174	- 2
YELLOWSTONE	103	151	+ 4
UPPER YELLOWSTONE	106	167	+ 3
LOWER YELLOWSTONE	100	137	+ 6
STATEWIDE	108	155	+ 1

Precipitation

March mountain and valley precipitation across the state was 81 percent of average and 113 percent of last year, while the water year precipitation was 99 percent of average and 98 percent of last year. West of the Continental Divide, March mountain and valley precipitation was 92 percent of average and 114 percent of last year and the water year precipitation was 102 percent of average and 97 percent of last year. East of the Divide, March mountain and valley precipitation was 74 percent of average and 112 percent of last year and the water year precipitation was 97 percent of average and 99 percent of last year.

RIVER BASIN	MARCH % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	92	102
KOOTENAI	92	106
FLATHEAD	93	98
UPPER CLARK FORK	81	93
BITTERROOT	94	109
LOWER CLARK FORK	102	111
MISSOURI	75	99
JEFFERSON	83	105
MADISON	86	109
GALLATIN	81	107
MISSOURI MAINSTEM	67	82
SMITH-JUDITH-MUSSELSHELL	69	89
SUN-TETON-MARIAS	65	99
MILK	50	69
ST. MARY	59	87
YELLOWSTONE	104	106
UPPER YELLOWSTONE	102	107
LOWER YELLOWSTONE	108	106
STATEWIDE	81	99

Reservoirs

Major reservoir storages statewide were 81 percent of average and 95 percent of last year. Reservoir storage west of the Continental Divide was 139 percent of average and 88 percent of last year. East of the Continental Divide, reservoir storage was 66 percent of average and 99 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	139	88
KOOTENAI	186	101
FLATHEAD	111	77
UPPER CLARK FORK	101	96
BITTERROOT	99	55
LOWER CLARK FORK	110	93
MISSOURI	65	99
JEFFERSON	76	82
MADISON	105	100
GALLATIN	132	86
MISSOURI MAINSTEM	63	101
SMITH-JUDITH-MUSSELSHELL	48	64
SUN-TETON-MARIAS	84	89
MILK	57	57
ST. MARY	88	76
YELLOWSTONE	102	102
UPPER YELLOWSTONE	93	93
LOWER YELLOWSTONE	103	102
STATEWIDE	81	95

Streamflow

Statewide, streamflow forecasts average 87 to 99 percent. West of the Continental Divide, streamflow forecasts average 99 and 106 percent and east of the Continental Divide, average between 80 and 95 percent.

Water users and water managers need to pay particular attention to local basins affecting their water supplies, as there are several localized areas where snowpack and streamflow forecasts are below average.

Below are averaged river basin streamflow forecast summaries for the period April 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	April-July THIS YEAR % OF AVERAGE	April-July LAST YEAR % OF AVERAGE
COLUMBIA	99 to 106	75 to 84
KOOTENAI	101 to 108	87 to 95
FLATHEAD	98 to 106	76 to 83
UPPER CLARK FORK	88 to 99	71 to 83
BITTERROOT	106 to 112	73 to 80
LOWER CLARK FORK	110 to 114	74 to 82
MISSOURI	75 to 91	54 to 72
JEFFERSON	73 to 91	42 to 59
MADISON	100 to 106	71 to 77
GALLATIN	99 to 109	67 to 77
MISSOURI MAINSTEM	87 to 100	55 to 68
SMITH-JUDITH-MUSSELSHELL	45 to 62	40 to 64
SUN-TETON-MARIAS	82 to 97	65 to 82
MILK	59 to 88	63 to 93
ST. MARY	95 to 102	83 to 90
YELLOWSTONE	93 to 105	63 to 75
UPPER YELLOWSTONE	94 to 103	67 to 77
LOWER YELLOWSTONE	92 to 107	59 to 73
STATEWIDE	87 to 99	64 to 77

Surface Water Supply Index

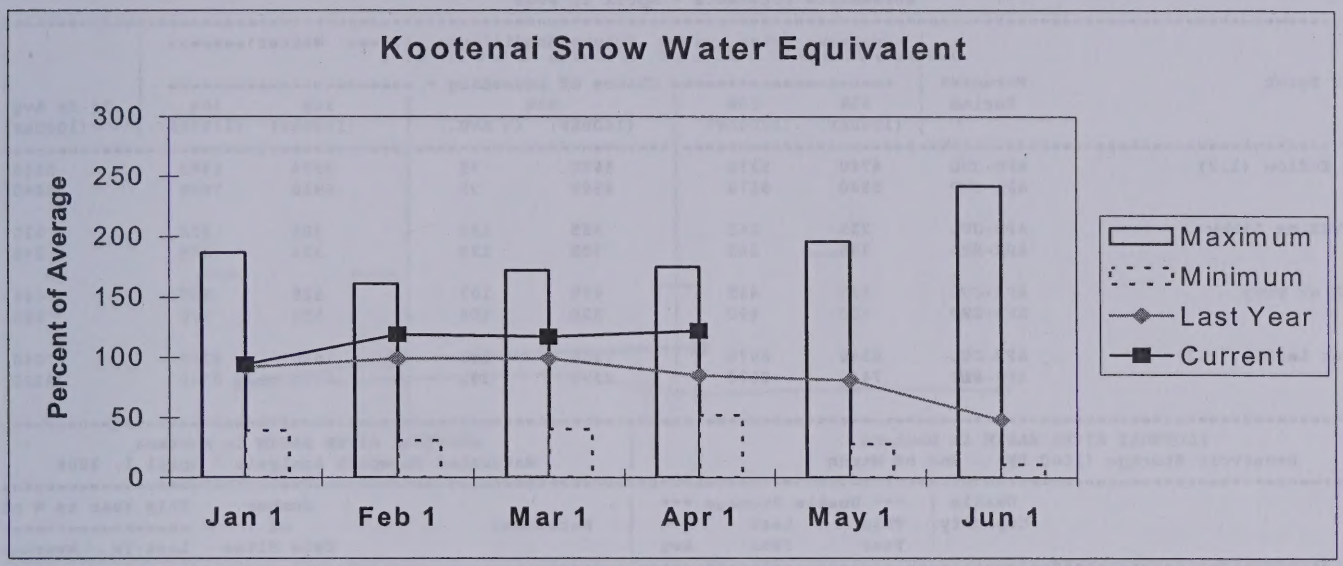
The Surface Water Supply Index (SWSI) is an indicator of surface water supply conditions for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This Year SWSI	Last Year SWSI	Basin
+1.5	-1.2	Tobacco River
+0.9	+0.6	Kootenai Ft. Steele to Libby Dam
+2.5	+2.4	Kootenai River below Libby Dam
+2.3	-2.0	Fisher River
+1.6	+1.2	Yaak River
+1.2	+0.5	North Fork Flathead River
+1.3	-1.3	Middle FORK Flathead River
+1.3	+2.4	South Fork Flathead River
+1.2	+1.3	Flathead River at Columbia Falls
+0.1	-1.6	Swan River
+1.0	+0.2	Flathead River at Polson
----	-1.9	Mission Valley
----	-3.0	Little Bitterroot River
+1.3	-1.2	Clark Fork River above Milltown
+0.3	-2.1	Blackfoot River
+2.0	-2.1	Bitterroot River
+1.7	-1.8	Clark Fork River below Bitterroot River
+1.2	-0.5	Clark Fork River below Flathead River
-0.2	-2.2	Beaverhead River
-0.8	-4.0	Ruby River
+0.4	-1.7	Big Hole River
-1.1	-1.9	Boulder River (Jefferson)
+0.7	-1.6	Jefferson River
+0.7	-2.2	Madison River
+1.0	-3.2	Gallatin River
+0.1	-2.1	Missouri River above Canyon Ferry
-0.3	-3.0	Missouri River below Canyon Ferry
+0.9	+0.2	Smith River
-0.3	-0.6	Sun River
+0.6	-1.4	Teton River
-2.9	-3.3	Birch/Dupuyer Creeks
-2.9	-3.1	Upper Judith River
-0.2	-1.6	Marias River above Tiber
-1.3	-2.4	Marias River below Tiber
-1.5	-2.4	Musselshell River
-0.8	-1.3	Missouri River above Ft. Peck
-3.4	-4.0	Missouri River below Ft. Peck
+1.2	-0.9	St. Mary River
-1.9	-0.5	Milk River
+0.6	-1.7	Dearborn River near Craig
+2.0	-2.4	Yellowstone River above Livingston
-0.3	-3.2	Shields River
+0.7	-3.3	Boulder River (Yellowstone)
+0.6	-2.3	Stillwater River
-3.2	-3.4	Rock/Red Lodge Creeks
+2.5	-2.4	Clarks Fork River
+1.7	-2.5	Yellowstone River above Bighorn River
+0.1	-1.9	Bighorn River below Bighorn Lake
+1.2	-1.5	Little Bighorn River
+1.0	-2.2	Yellowstone River below Bighorn River
+2.7	+0.2	Tongue River
+2.0	-1.7	Powder River

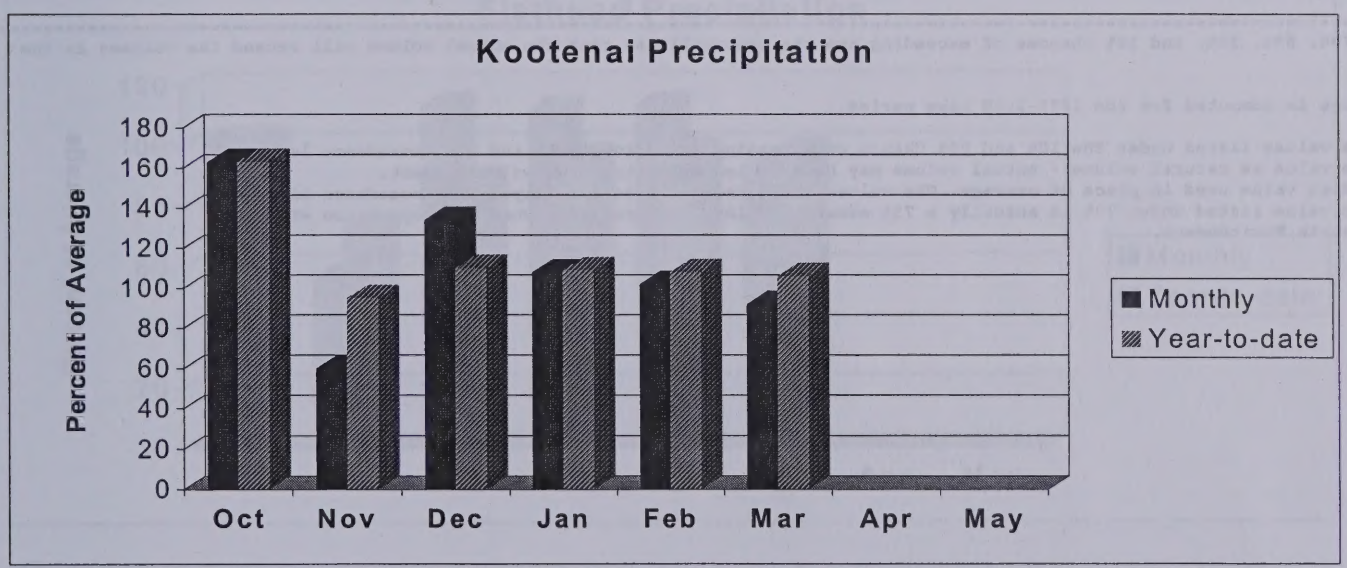
Kootenai River Basin in Montana

Snowpack conditions in the Kootenai River Basin were above average and increased 4 percent from March 1. Snow water content was 122 percent of average and 143 percent of last year. Snowpack in the Kootenay in Canada were slightly below average. Snow water content was 94 percent of average and 90 percent of last year. Baree Trail snow course, in the Fisher watershed, has set a new April 1 record high exceeding the previous record of 1969.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 2001and 2005; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during March was 94 percent of average and 87 percent of last year. Valley precipitation during March was 76 percent of average and 85 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 106 percent of average and 91 percent of last year.



Lake Koocanusa storage was 186 percent of average and 101 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 101 to 108 percent.

Surface Water Supply Index (SWSI) was +1.5 in the Tobacco River; +0.9 in the Kootenai Ft. Steele to Libby Dam; +2.5 in the Kootenai River below Libby Dam; +2.3 in the Fisher River; and +1.6 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LIBBY RES Inflow (1,2)	APR-JUL	4740	5330	5600	99	5870	6460	5640
	APR-SEP	5580	6270	6590	99	6910	7600	6640
FISHER RIVER nr Libby	APR-JUL	235	265	285	124	305	335	230
	APR-SEP	255	285	305	125	325	355	245
YAAK RIVER nr Troy	APR-JUL	425	465	495	107	525	565	465
	APR-SEP	450	490	520	106	550	590	490
KOOTENAI at Leonia (1,2)	APR-JUL	6340	6970	7250	103	7530	8160	7040
	APR-SEP	7410	8070	8370	103	8670	9330	8120

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE KOOCANUSA	5748.0	3248.0	3218.0	1743.7

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
KOOTENAY in CANADA	23	90	94
KOOTENAI MAINTSTEM	7	140	124
TOBACCO	3	139	110
FISHER	5	179	134
YAAK	4	116	112
KOOTENAI in MONTANA	18	143	122
KOOTENAI ab BONNERS FERRY	41	115	108

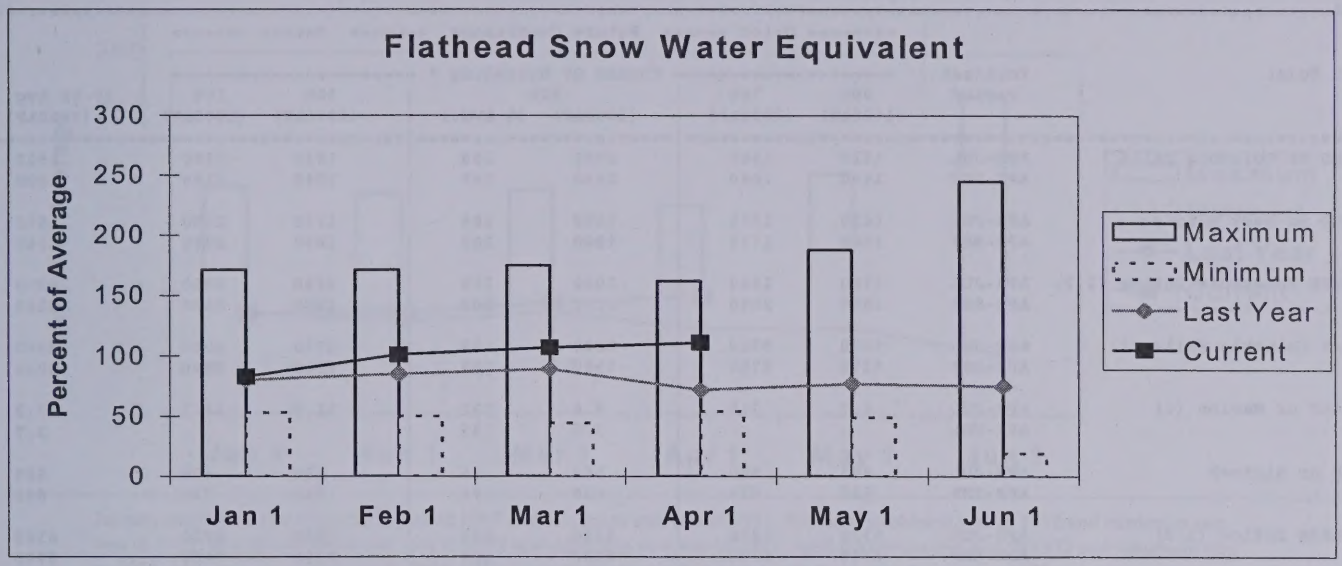
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

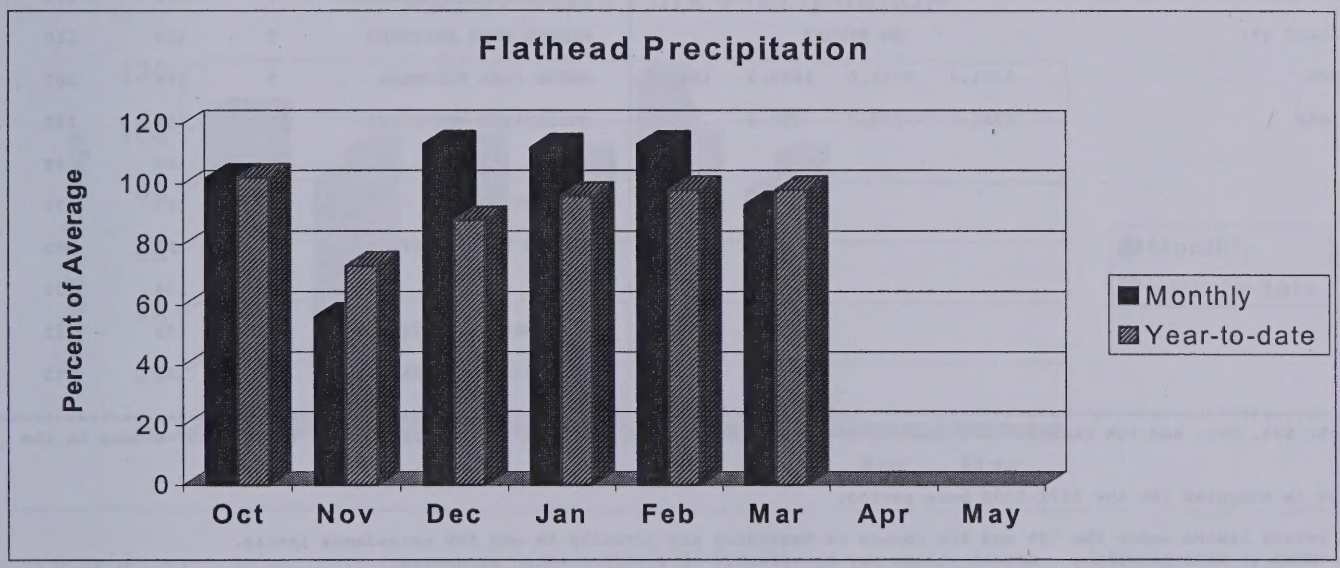
Flathead River Basin

Snowpack conditions in the Flathead River Basin were above average and increased 4 percent from March 1. Snow water content was 111 percent of average and 153 percent of last year. Snowpack in the Flathead of Canada were slightly above average and decreased 10 percent from March 1. Snow water content was 109 percent of average and 145 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1972 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during March was 95 percent of average and 112 percent of last year. Valley precipitation during March was 71 percent of average and 121 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 98 percent of average and 95 percent of last year.



Combined Camas reservoir storage was not available; Lower Jocko Lake was not available; combined Mission Valley reservoir storage was not available; Hungry Horse storage was 122 percent of average and 80 percent of last year; and Flathead Lake storage was 82 percent of average and 67 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 98 to 106 percent.

Surface Water Supply Index (SWSI) was +1.2 in the North Fork Flathead River; +1.3 in the Middle Fork Flathead River; +1.3 in the South Fork Flathead River; +1.2 in the Flathead River at Columbia Falls; +0.1 in the Swan River; +1.0 in the Flathead River at Polson; not available in the Mission Valley; and not available in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF FLATHEAD nr Columbia Falls	APR-JUL	1520	1660	1750	108	1840	1980	1620
	APR-SEP	1690	1840	1940	108	2040	2190	1800
MF FLATHEAD nr West Glacier	APR-JUL	1450	1570	1650	104	1730	1850	1590
	APR-SEP	1580	1710	1800	103	1890	2020	1740
HUNGRY HORSE Reservoir Inflow (1,2)	APR-JUL	1790	1940	2000	100	2060	2210	2000
	APR-SEP	1860	2040	2120	100	2200	2380	2120
FLATHEAD at Columbia Falls (2)	APR-JUL	5000	5310	5520	103	5730	6040	5350
	APR-SEP	5390	5750	5990	103	6230	6590	5820
ASHLEY CREEK nr Marion (2)	APR-JUL	4.7	7.5	9.4	131	11.3	14.1	7.2
	APR-VOL			3.6	133			2.7
SWAN RIVER nr Bigfork	APR-JUL	445	500	540	96	580	635	565
	APR-SEP	515	575	620	96	665	725	645
FLATHEAD LAKE Inflow (1,2)	APR-JUL	5930	6270	6360	103	6590	6930	6180
	APR-SEP	6340	6720	6900	103	7080	7460	6700

FLATHEAD RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CAMAS (4)		NO REPORT		
LOWER JOCKO LAKE		NO REPORT		
MISSION VALLEY (8)		NO REPORT		
HUNGRY HORSE	3451.0	2311.0	2885.0	1886.7
FLATHEAD LAKE	1791.0	604.3	897.8	738.5

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
NF FLATHEAD in CANADA	4	145	109
NF FLATHEAD in MONTANA	9	149	113
MIDDLE FORK FLATHEAD	7	140	110
SOUTH FORK FLATHEAD	9	146	107
STILLWATER-WHITEFISH	10	181	125
SWAN	8	129	98
MISSION VALLEY	4	125	99
LITTLE BITTERROOT-ASHLEY	6	297	135
JOCKO	5	136	103
FLATHEAD in MONTANA	42	153	111
FLATHEAD RIVER BASIN	46	153	111

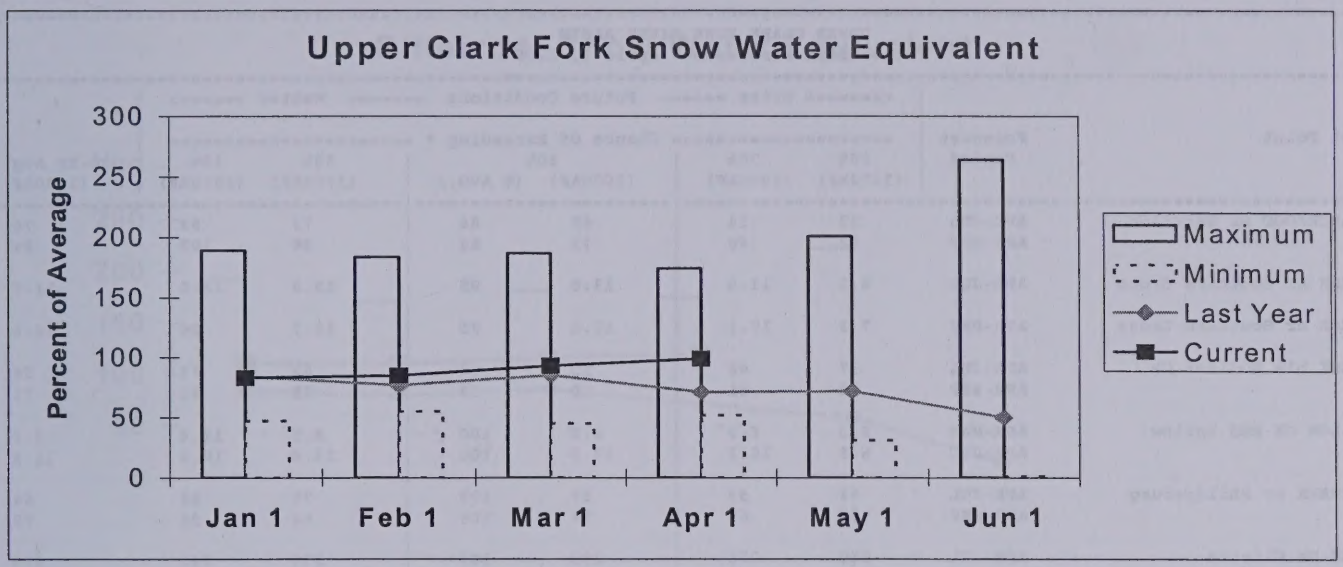
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

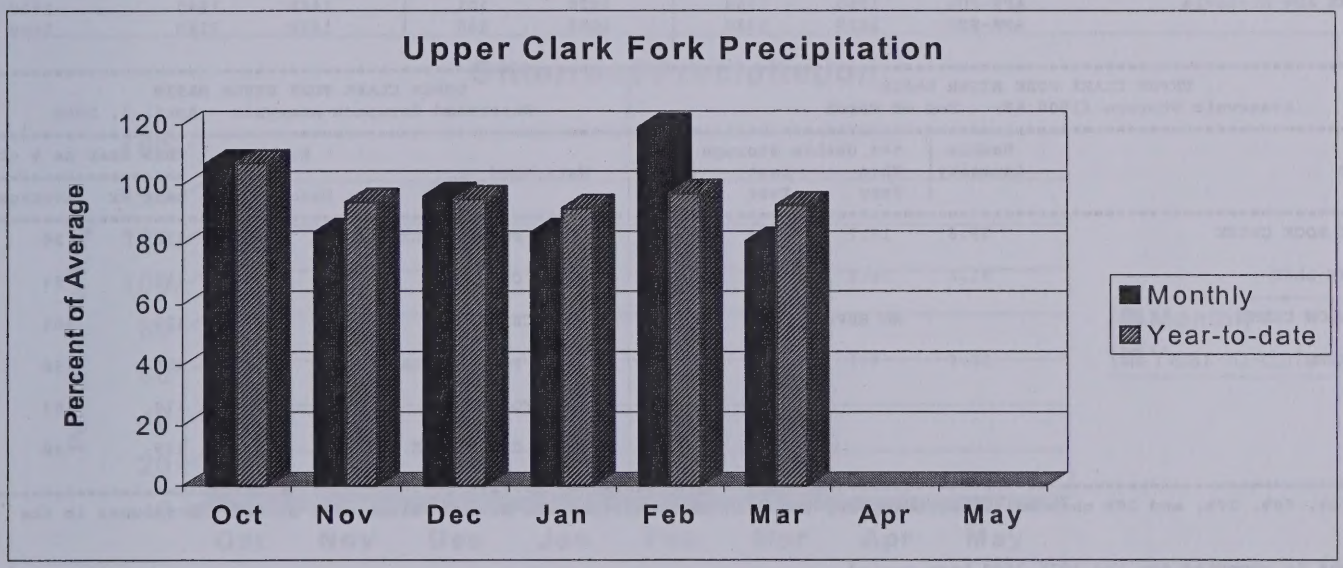
Upper Clark Fork River Basin

Snowpack conditions in the Upper Clark Fork River Basin were near average and increased 6 percent from March 1. Snow water content was 99 percent of average and 139 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during March was 82 percent of average and 120 percent of last year. Valley precipitation during March was 37 percent of average and 49 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 93 percent of average and 93 percent of last year.



East Fork Rock Creek storage was 108 percent of average and 153 percent of last year; Georgetown Lake was 109 percent of average and 97 percent of last year; Lower Willow Creek was not available; and Nevada Creek storage was 67 percent of average and 52 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 88 to 99 percent.

Surface Water Supply Index (SWSI) was +1.3 in the Clark Fork River above Milltown; and +0.3 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LITTLE BLACKFOOT nr Garrison	APR-JUL	37	54	65	86	76	93	76
	APR-SEP	42	60	72	86	84	102	84
FLINT CREEK Nr Southern Cross	APR-JUL	8.0	11.0	13.0	95	15.0	18.0	13.7
FLINT CREEK nr Southern Cross	APR-SEP	7.3	12.1	15.4	95	18.7	24	16.2
FLINT CREEK blw Boulder Ck	APR-JUL	37	48	55	98	62	73	56
	APR-SEP	48	61	70	99	79	92	71
LOWER WILLOW CK RES Inflow	APR-MAY	5.0	6.9	8.2	100	9.5	11.4	8.2
	APR-JUL	6.8	10.2	12.5	100	14.8	18.2	12.5
MF ROCK CREEK nr Philipsburg	APR-JUL	48	59	67	105	75	86	64
	APR-SEP	56	68	76	106	84	96	72
Rock CREEK Nr Clinton	APR-JUL	250	275	295	109	315	340	270
ROCK CREEK nr Clinton	APR-SEP	280	310	330	108	350	380	305
CLARK FORK abv Milltown	APR-JUL	480	570	635	105	700	790	605
	APR-SEP	555	655	725	103	795	895	705
NEVADA CREEK nr Helmville	APR-MAY	6.5	8.5	9.8	95	11.1	13.1	10.3
	APR-JUL	10.8	14.1	16.4	95	18.7	22	17.3
BLACKFOOT RIVER nr Bonner	APR-JUL	670	740	785	98	830	900	805
	APR-SEP	740	815	870	98	925	1000	890
CLARK FORK abv Missoula	APR-JUL	1260	1360	1420	101	1480	1580	1410
	APR-SEP	1420	1530	1600	100	1670	1780	1600

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
EAST FORK ROCK CREEK	15.6	10.7	7.0	9.9
GEORGETOWN LAKE	31.0	28.5	29.4	26.2
LOWER WILLOW CREEK		NO REPORT		
NEVADA CREEK	12.6	5.1	9.9	7.6

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
CLARK FORK ab FLINT CREEK	16	118	94
FLINT CREEK	7	111	94
ROCK CREEK	5	125	101
CLARK FORK ab BLACKFOOT	24	124	96
BLACKFOOT	15	170	103
UPPER CLARK FORK BASIN	37	139	98

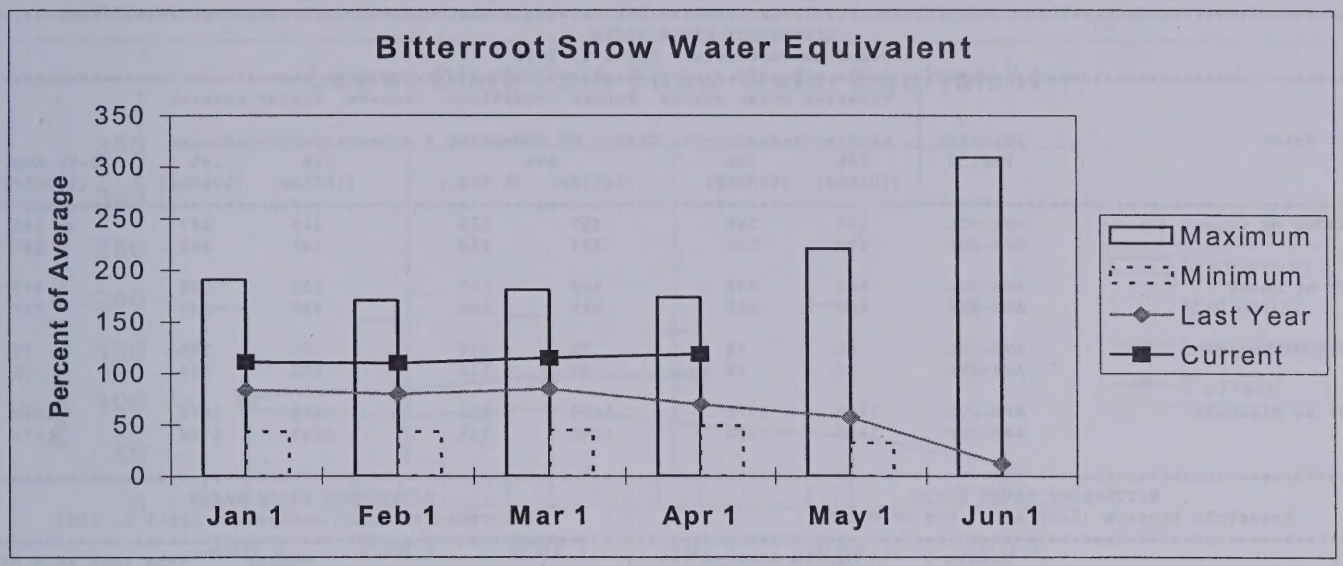
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

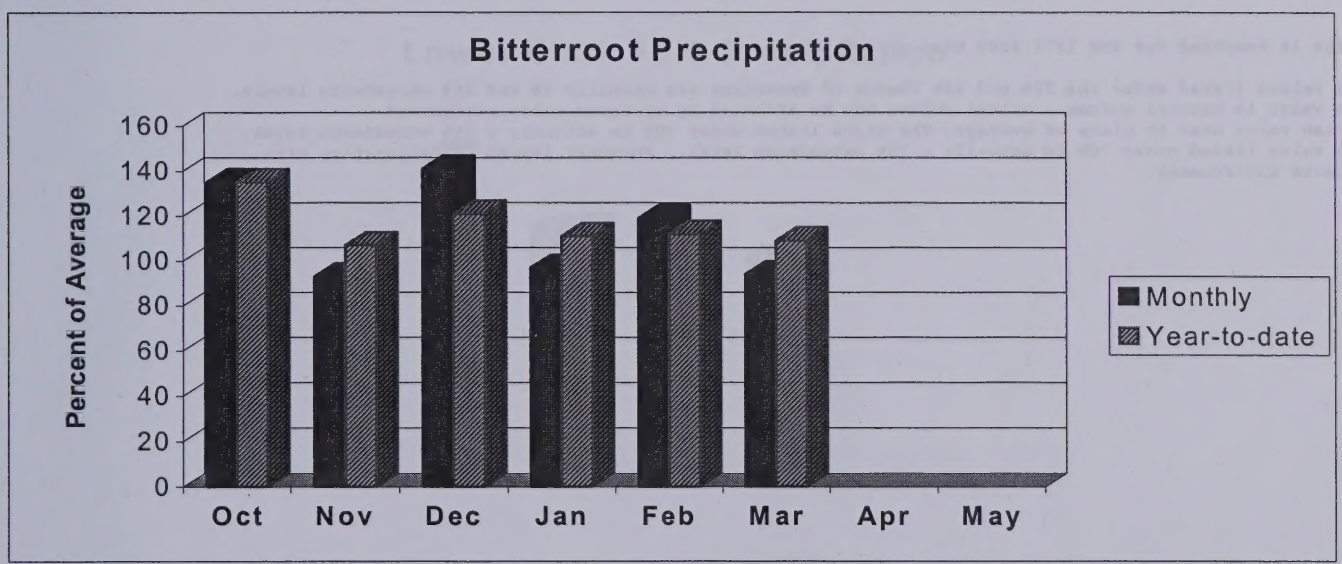
Bitterroot River Basin

Snowpack conditions in the Bitterroot River Basin were above average and increased 4 percent from March 1. Snow water content was 119 percent of average and 168 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977 and 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and minimum swe was in 1987,1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during March was 96 percent of average and 149 percent of last year. Valley precipitation during March was 74 percent of average and 108 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 109 percent of average and 109 percent of last year.



Painted Rocks Lake storage was 97 percent of average and 54 percent of last year and Como storage was 101 percent of average and 56 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 106 to 112 percent.

Surface Water Supply Index (SWSI) was +2.0 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
WF BITTERROOT nr Conner (2)	APR-JUL	127	145	157	110	169	187	143
	APR-SEP	139	159	173	110	187	205	157
BITTERROOT nr Darby	APR-JUL	400	455	490	107	525	580	460
	APR-SEP	460	510	545	106	580	630	515
COMO RESERVOIR Inflow	APR-JUL	81	88	92	118	96	103	78
	APR-SEP	85	92	97	118	102	109	82
BITTERROOT at Missoula	APR-JUL	1290	1370	1430	114	1490	1570	1250
	APR-SEP	1400	1500	1560	114	1620	1720	1370

BITTERROOT RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
PAINTED ROCKS LAKE	31.7	9.3	17.1	9.6
COMO	34.9	15.0	26.7	14.9

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WEST FORK BITTERROOT	3	166	110
EAST SIDE BITTERROOT	6	156	113
WEST SIDE BITTERROOT	3	176	131
BITTERROOT RIVER BASIN	11	168	119

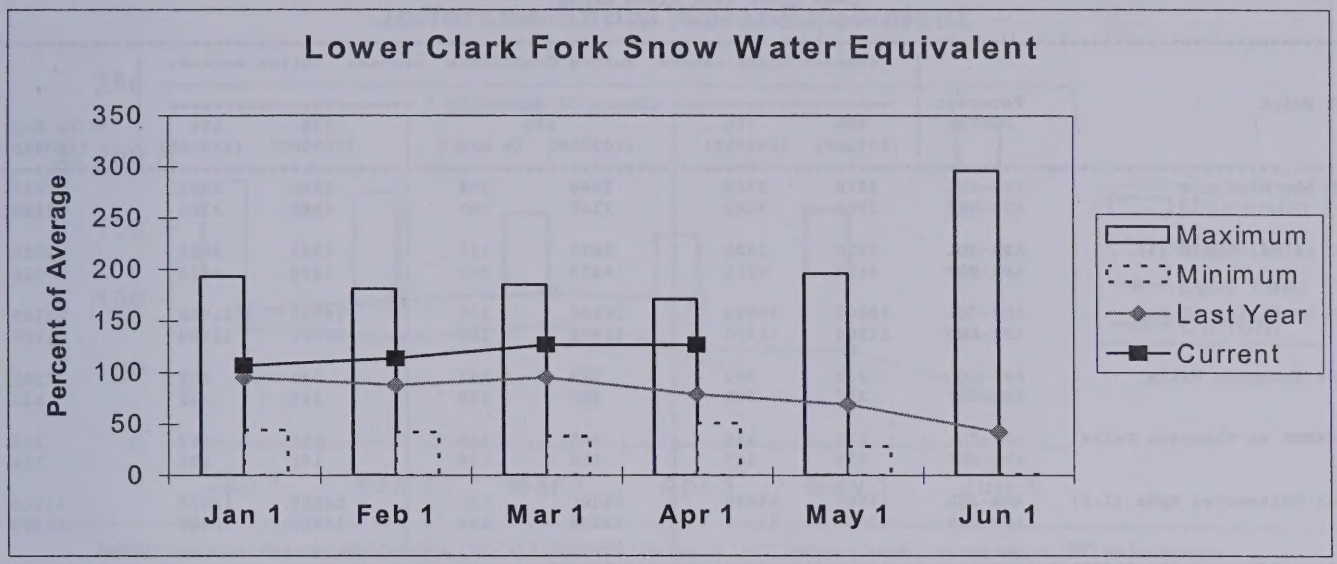
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

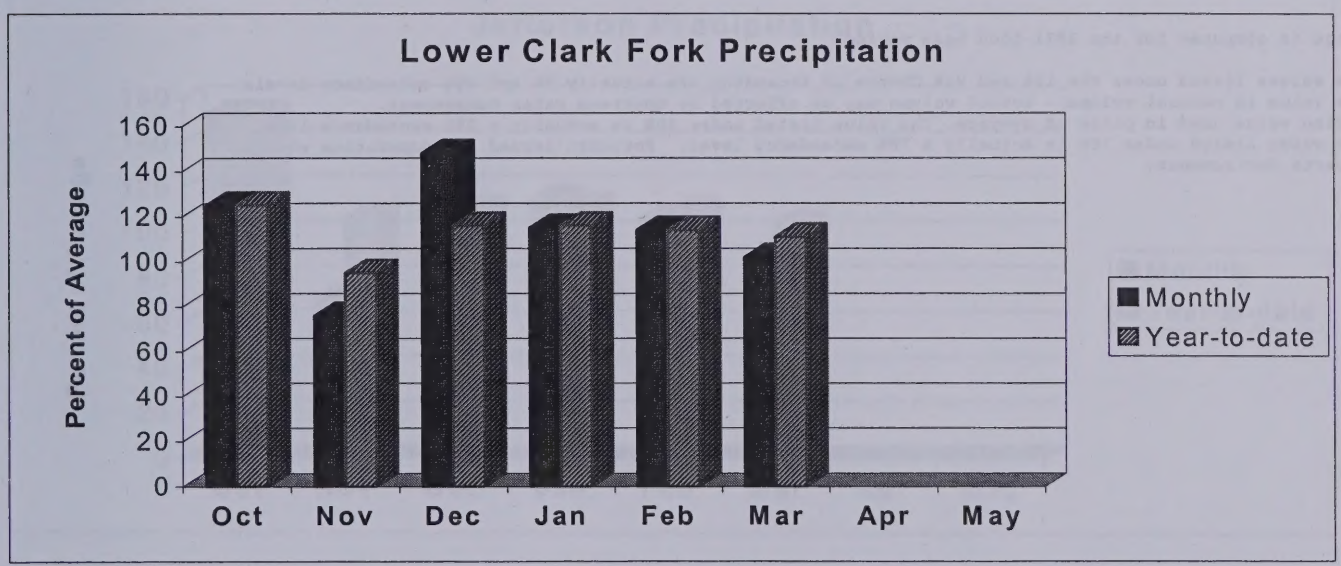
Lower Clark Fork River Basin

Snowpack conditions in the Lower Clark Fork River Basin were above average and the same percent as March 1. Snow water content was 127 percent of average and 159 percent of last year. Humboldt Gulch , Idaho site along Montana Idaho Divide, has set a new April 1 record high exceeding the previous record of 1972.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during March was 105 percent of average and 110 percent of last year. Valley precipitation during March was 75 percent of average and 96 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 111 percent of average and 104 percent of last year.



Noxon Rapids storage was 110 percent of average and 93 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 110 to 114 percent.

Surface Water Supply Index (SWSI) was +1.7 in the Clark Fork River below Bitterroot River and +1.2 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
CLARK FORK blw Missoula	APR-JUL	2670	2780	2860	108	2940	3050	2660
	APR-SEP	2960	3080	3160	107	3240	3360	2960
CLARK FORK at St. Regis (1)	APR-JUL	3720	3820	3870	110	3920	4020	3520
	APR-SEP	4120	4220	4270	109	4320	4420	3910
CLARK FORK nr Plains (1,2)	APR-JUL	10200	10500	10600	105	10700	11000	10100
	APR-SEP	11100	11500	11600	105	11700	12100	11100
THOMPSON nr Thompson Falls	APR-JUL	215	240	260	127	280	305	205
	APR-SEP	250	275	295	128	315	340	230
PROSPECT CREEK at Thompson Falls	APR-JUL	127	138	145	125	152	163	116
	APR-SEP	136	147	155	125	163	174	124
CLARK FK at Whitehorse Rpds (1,2)	APR-JUL	11500	11900	12000	106	12100	12500	11300
	APR-SEP	12600	13000	13200	106	13400	13800	12500

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
NOXON RAPIDS	335.0	300.7	322.0	272.9

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
LOWER CLARK FORK BASIN	13	159	127

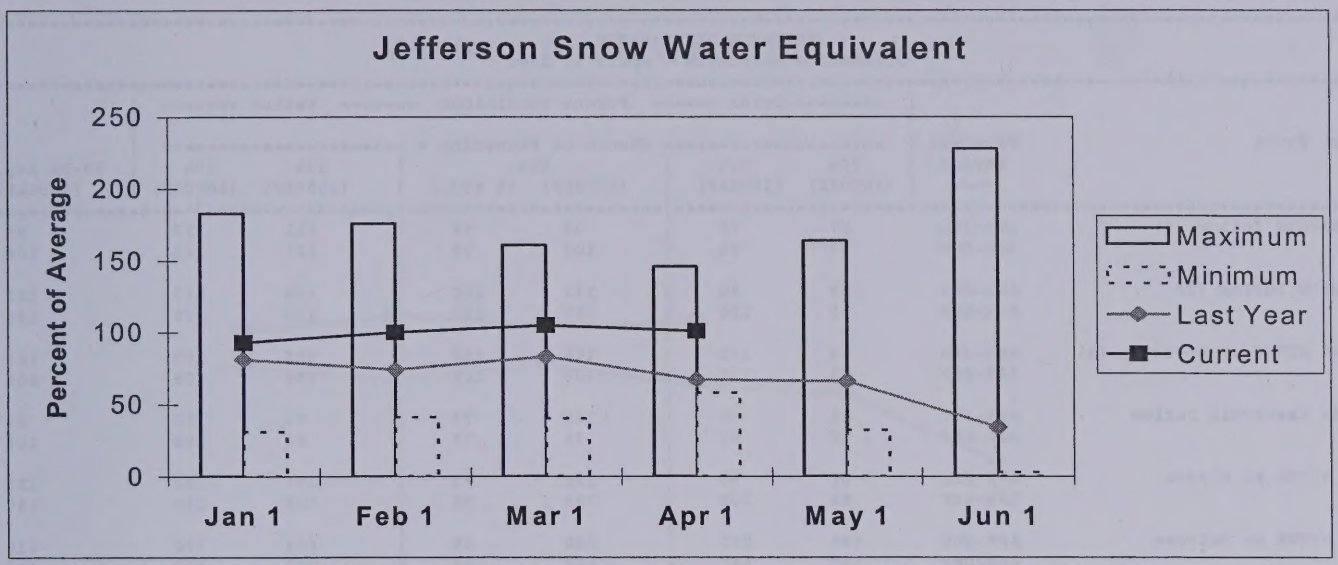
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

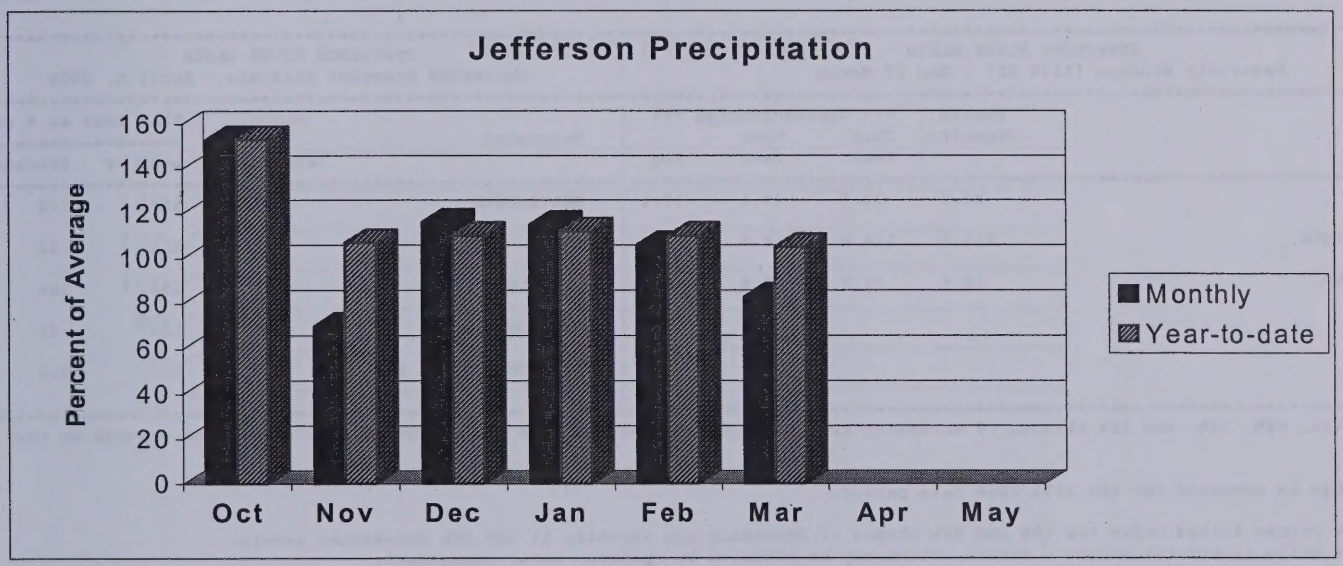
Jefferson River Basin

Snowpack conditions in the Jefferson River Basin were near average and decreased 4 percent from March 1. Snow water content was 101 percent of average and 150 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during March was 84 percent of average and 151 percent of last year. Valley precipitation during March was 69 percent of average and 88 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 105 percent of average and 109 percent of last year.



Lima storage was 56 percent of average and 44 percent of last year; Clark Canyon storage was 75 percent of average and 91 percent of last year; and Ruby River storage was 101 percent of average and 104 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 73 to 91 percent.

Surface Water Supply Index (SWSI) was -0.2 in the Beaverhead River; -0.8 in the Ruby River; +0.4 in the Big Hole River; -1.1 in the Boulder River; and +0.7 in the Jefferson River near Three Forks.

JEFFERSON RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LIMA RESERVOIR Inflow (2)	APR-JUL	57	79	95	99	111	133	96
	APR-SEP	58	85	103	99	121	148	104
CLARK CANYON Inflow (2)	APR-JUL	59	98	131	100	168	230	131
	APR-SEP	75	120	157	101	199	270	156
BEAVERHEAD RIVER at Barretts (2)	APR-JUL	78	132	168	100	205	260	168
	APR-SEP	93	157	200	100	245	305	200
RUBY RIVER Reservoir Inflow	APR-JUL	43	56	65	77	75	92	84
	APR-SEP	53	67	78	77	90	108	101
BIG HOLE RIVER at Wisdom	APR-JUL	64	95	120	99	147	193	121
	APR-SEP	68	102	129	99	159	210	130
BIG HOLE RIVER nr Melrose	APR-JUL	420	510	580	95	655	770	610
	APR-SEP	445	545	620	94	700	820	660
JEFFERSON nr Twin Bridges (2)	APR-JUL	440	620	745	95	870	1050	785
	APR-SEP	485	695	835	95	975	1190	880
BOULDER RIVER nr Boulder	APR-JUL	33	47	56	72	65	79	78
	APR-SEP	34	49	60	71	71	86	85
WILLOW CREEK Reservoir Inflow	APR-JUL	4.3	11.7	16.8	94	22	29	17.9
	APR-SEP	9.7	15.1	18.8	94	22	28	20
JEFFERSON RIVER nr Three Forks (2)	APR-JUL	325	535	675	87	815	1020	780
	APR-SEP	370	610	770	90	930	1170	860

JEFFERSON RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LIMA	84.0	21.9	49.4	39.1
CLARK CANYON	255.6	114.6	125.8	152.0
RUBY RIVER	38.8	31.7	30.5	31.5

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
BEAVERHEAD	18	157	102
RUBY	11	139	96
BIGHOLE	20	155	106
BOULDER	9	134	86
JEFFERSON RIVER BASIN	48	150	100

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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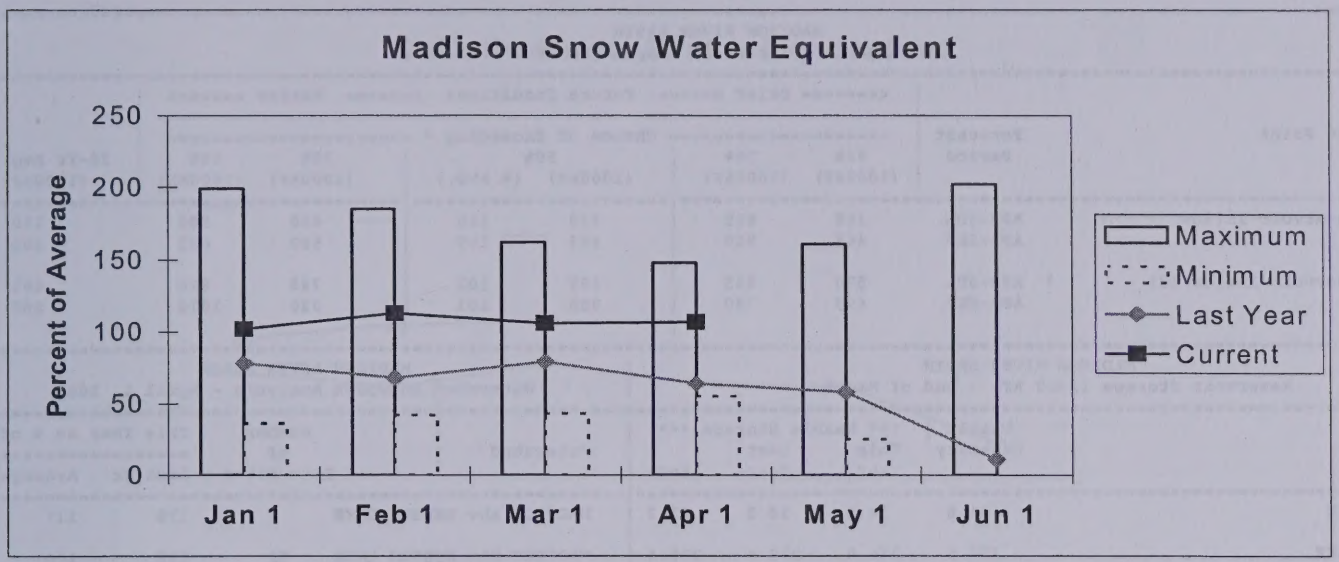
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

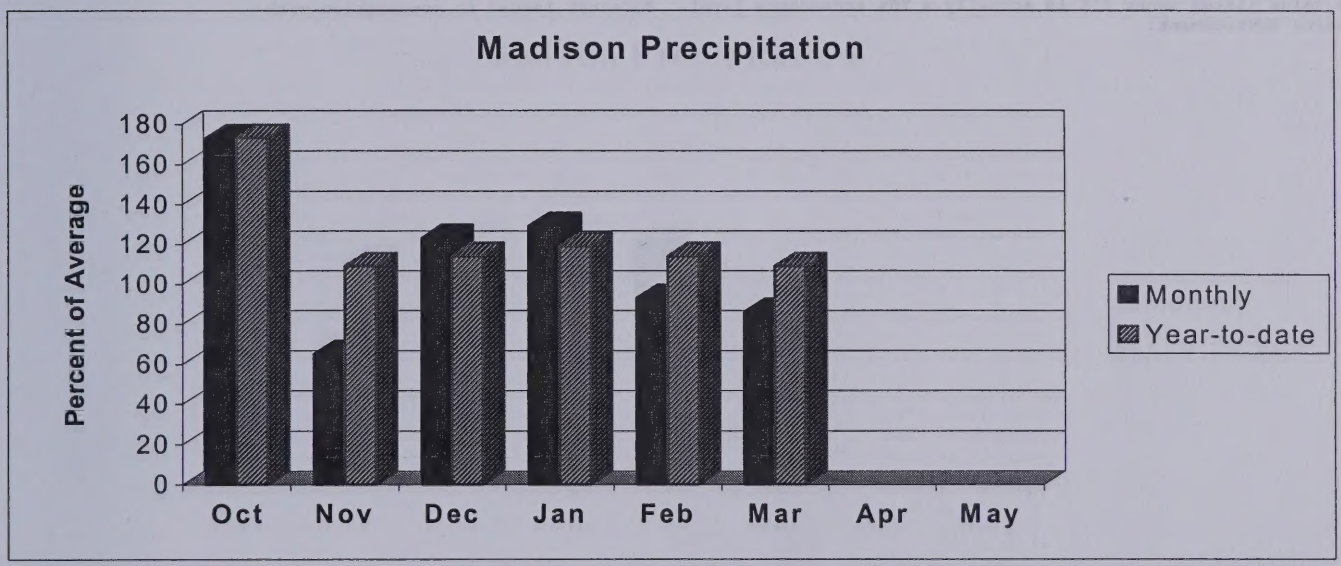
Madison River Basin

Snowpack conditions in the Madison River Basin were slightly above average and decreased 1 percent from March 1. Snow water content was 107 percent of average and 165 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during March was 86 percent of average and 194 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 109 percent of average and 124 percent of last year.



Ennis Lake storage was 90 percent of average and 100 percent of last year and Hebgen Lake storage was 106 percent of average and 100 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 100 to 106 percent.

Surface Water Supply Index (SWSI) was +0.7 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
HEBGEN Reservoir Inflow	APR-JUL	365	405	430	110	460	500	390
	APR-SEP	465	510	545	109	580	635	500
ENNIS Reservoir Inflow (2)	APR-JUL	570	645	695	102	745	820	680
	APR-SEP	695	790	855	101	920	1010	850

MADISON RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ENNIS LAKE	41.0	28.2	28.2	31.2
HEBGEN LAKE	377.5	276.0	275.4	259.6

MADISON RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
MADISON abv HEBGEN LAKE	6	179	117
MADISON blw HEBGEN LAKE	12	156	100
MADISON RIVER BASIN	18	165	107

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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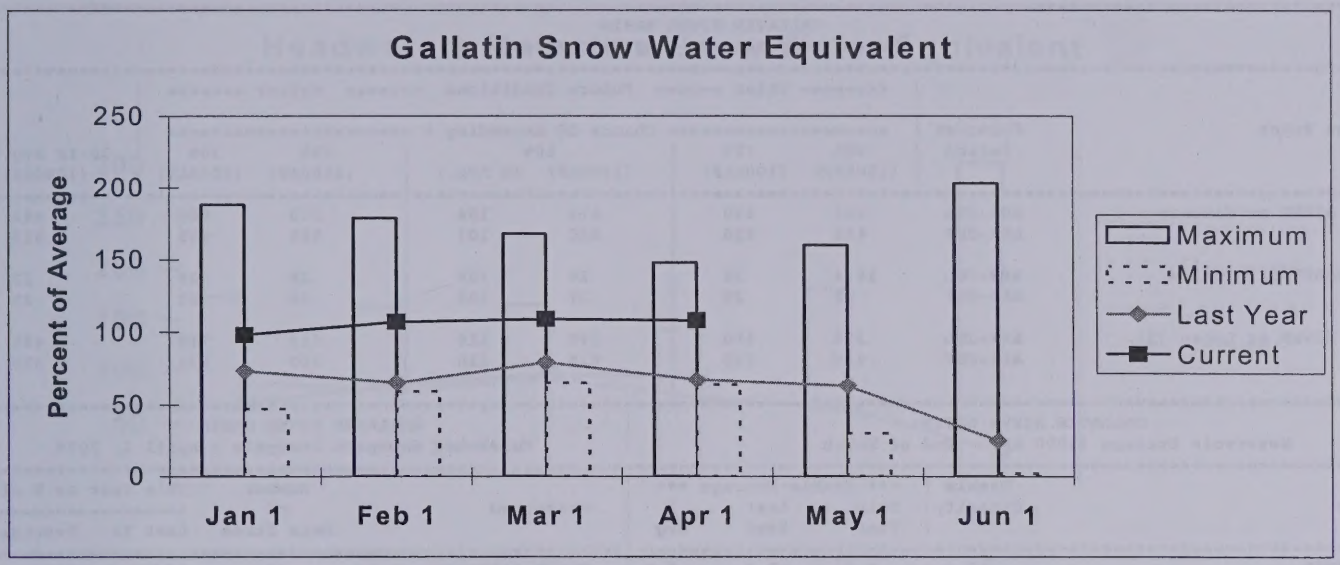
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

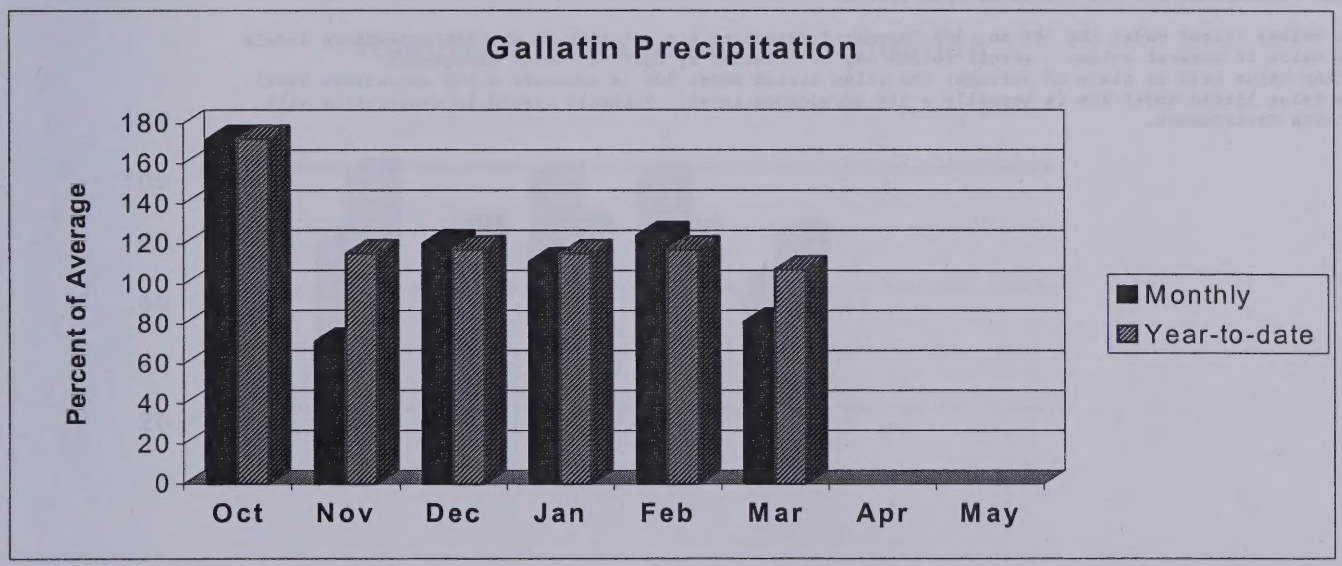
Gallatin River Basin

Snowpack conditions in the Gallatin River Basin were slightly above average and decreased 1 percent from March 1. Snow water content was 108 percent of average and 161 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977 and 2005; April maximum swe was in 1997 and minimum was in 2001; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during March was 81 percent of average and 155 percent of last year. Valley precipitation during March was 78 percent of average and 128 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 107 percent of average and 120 percent of last year.



Middle Creek storage was 132 percent of average and 86 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 99 to 109 percent.

Surface Water Supply Index (SWSI) was +1.0 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ====== Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GALLATIN RIVER nr Gateway	APR-JUL	385	440	475	108	510	565	440
	APR-SEP	445	510	550	107	590	655	515
HYALITE RESERVOIR Inflow	APR-JUL	19.4	22	24	109	26	29	22
	APR-SEP	22	25	27	108	29	33	25
GALLATIN RIVER at Logan (2)	APR-JUL	380	480	545	110	610	710	495
	APR-SEP	435	550	625	110	700	815	570

GALLATIN RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MIDDLE CREEK	10.2	6.2	7.2	4.7

GALLATIN RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER GALLATIN	7	166	112
HYALITE	4	138	103
BRIDGER	2	195	101
GALLATIN RIVER BASIN	13	161	108

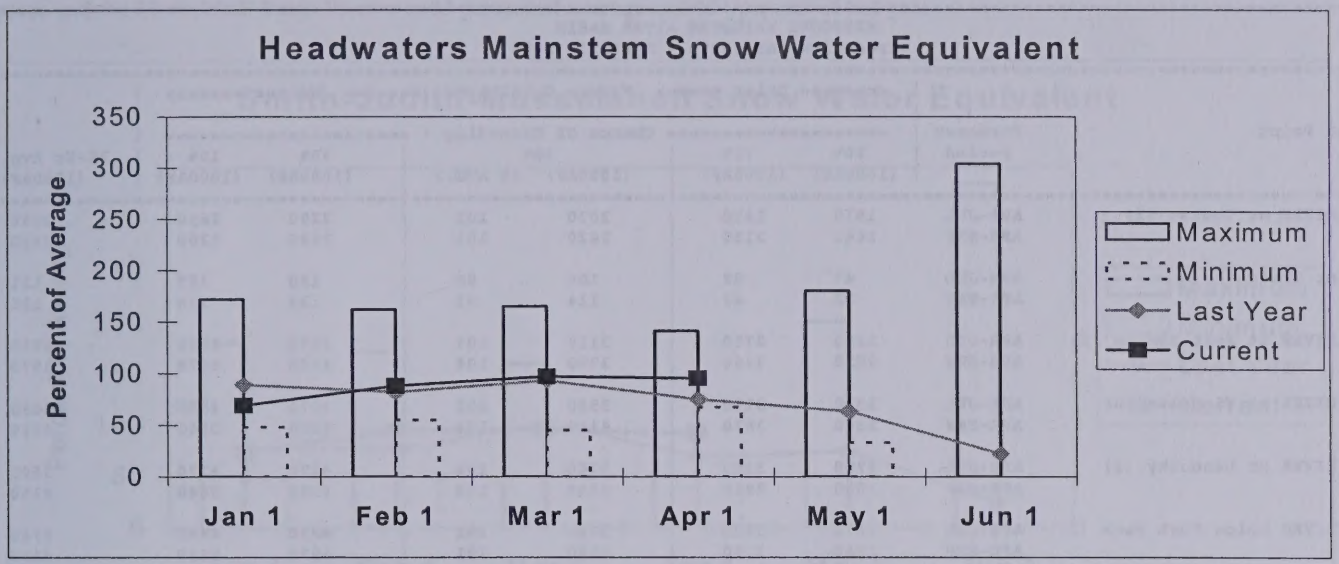
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

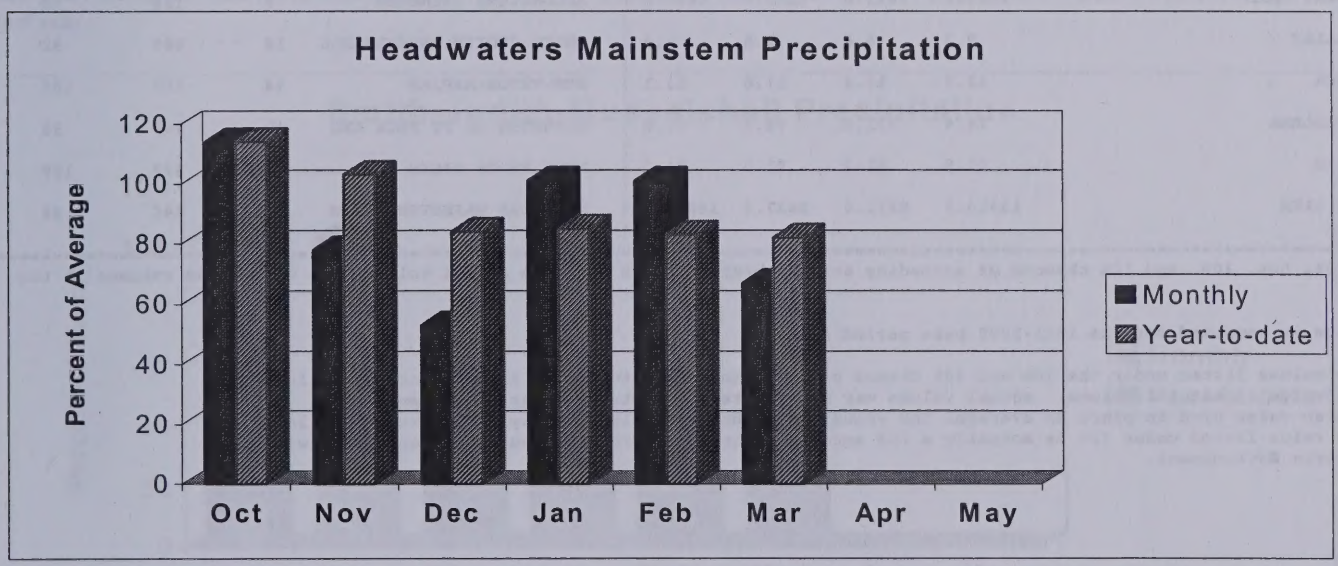
Missouri Mainstem River Basin

Snowpack conditions in the Headwaters Missouri Mainstem River Basin were near average and decreased 2 percent from March 1. Snow water content was 95 percent of average and 126 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961,1966, and 2005; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during March was 73 percent of average and 130 percent of last year. Valley precipitation during March was 58 percent of average and 83 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 82 percent of average and 84 percent of last year.



Canyon Ferry Lake storage was 96 percent of average and 90 percent of last year; Helena Valley storage was 118 percent of average and 59 percent of last year; Lake Helena storage was 83 percent of average and 99 percent of last year; Hauser & Helena storage was 118 percent of average and 100 percent of last year; Holter Lake storage was 110 percent of average and 100 percent of last year; and Fort Peck Lake storage was 59 percent of average and 103 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 87 to 100 percent.

Surface Water Supply Index (SWSI) was +0.1 in the Missouri River above Canyon Ferry; -0.3 in the Missouri River below Canyon Ferry; -0.8 in the Missouri River above Fort Peck; and -3.4 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ====== Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
MISSOURI RIVER at Toston (2)	APR-JUL	1510	1850	2070	101	2290	2630	2050
	APR-SEP	1640	2150	2420	101	2690	3200	2390
DEARBORN nr Craig	APR-JUL	47	82	106	88	130	165	121
	APR-SEP	52	89	114	91	139	176	125
MISSOURI RIVER at Fort Benton (2)	APR-JUL	2230	2750	3110	104	3470	3990	2990
	APR-SEP	2520	3260	3700	104	4140	4870	3570
MISSOURI RIVER at Virgelle (2)	APR-JUL	2520	3130	3550	103	3970	4580	3450
	APR-SEP	2860	3670	4180	103	4690	5540	4060
MISSOURI RIVER nr Landusky (2)	APR-JUL	2750	3350	3760	102	4170	4770	3690
	APR-SEP	3000	3930	4440	102	4950	5880	4350
MISSOURI RIVER below Fort Peck (2)	APR-JUL	2670	3330	3780	101	4230	4890	3740
	APR-SEP	2960	3790	4380	101	4970	5810	4330
LAKE SAKAKAWEA Inflow (2)	APR-JUL	7530	9000	10000	103	11000	12500	9740
	APR-SEP	7790	10200	11500	103	12800	15200	11200

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CANYON FERRY LAKE	2043.0	1415.0	1572.0	1467.8
HELENA VALLEY	9.2	4.6	7.8	3.9
LAKE HELENA	12.7	10.9	11.0	13.1
HAUSER & HELENA	74.6	73.8	74.1	62.8
HOLTER LAKE	81.9	81.2	81.0	74.1
FORT PECK LAKE	18910.0	8872.0	8627.0	14966.0

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
HEADWATERS MAINSTEM	9	126	95
SMITH-JUDITH-MUSSELSHELL	18	140	92
SUN-TETON-MARIAS	14	157	105
MAINSTEM ab FT PECK RES	40	145	98
MILK RIVER BASIN	3	229	109
MISSOURI MAINSTEM BASIN	42	146	98

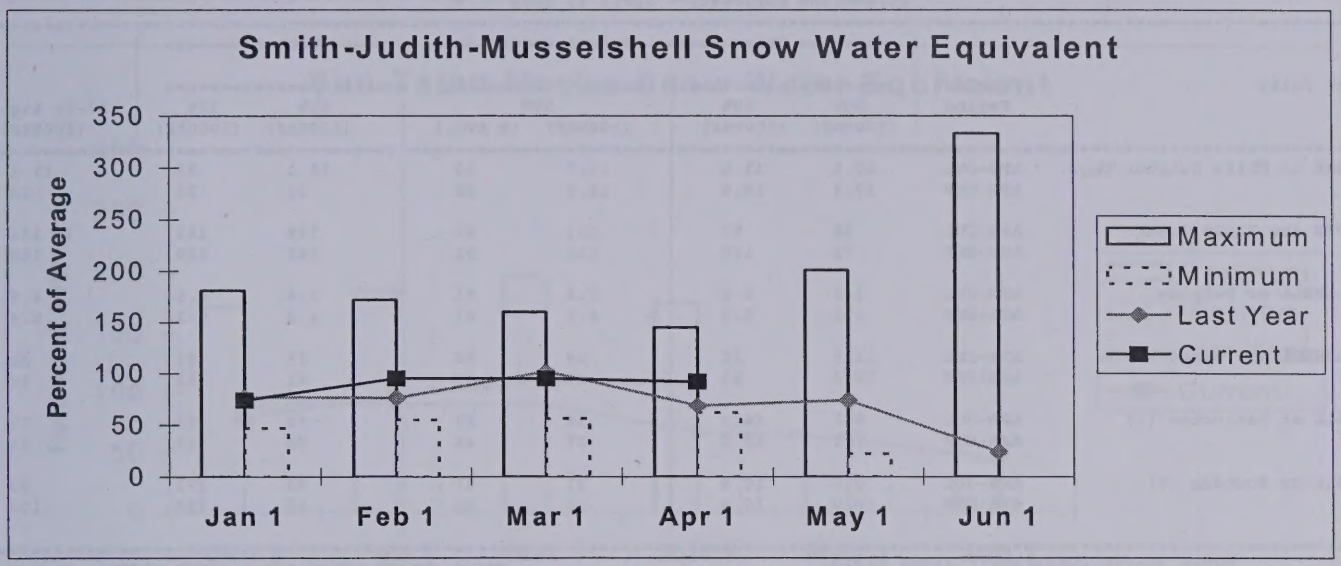
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

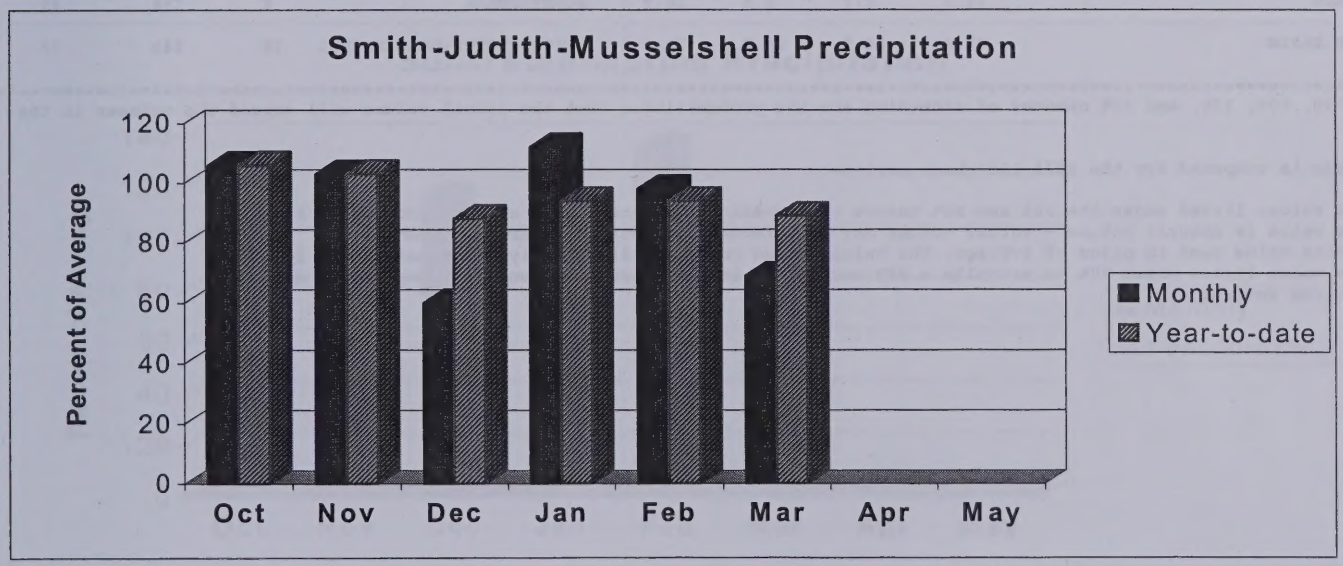
Smith-Judith-Musselshell River Basins

Snowpack conditions in the Smith-Judith-Musselshell River Basins were slightly below average and decreased 3 percent from March 1. Snow water content was 92 percent of average and 140 percent of last year. Snow water content in the Smith River Basin was 96 percent of average and 129 percent of last year; the Judith River Basin was 91 percent of average and 121 percent of last year; and the Musselshell Basin River was 83 percent of average and 154 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987 and 2005; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during March in the Smith-Belts was 88 percent of average and 165 percent of last year; in the Judith was 62 percent of average and 78 percent of last year; and in the Musselshell was 38 percent of average and 42 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 89 percent of average and 82 percent of last year.



Smith River storage was 72 percent of average and 75 percent of last year; Ackley storage was 69 percent of average and 88 percent of last year; Bair storage was 38 percent of average and 55 percent of last year; Martinsdale storage was 6 percent of average and 20 percent of last year; and Deadman's Basin was 53 percent of average and 65 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 45 to 62 percent.

Surface Water Supply Index (SWSI) was +0.9 in the Smith River, -2.9 in the Upper Judith River, and -1.5 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
SHEEP CREEK nr White Sulphur Spgs.	APR-JUL	10.5	13.5	15.7	92	18.1	22	17.1
	APR-SEP	12.3	15.8	18.4	92	21	26	20
SMITH RIVER abv Eagle Creek	APR-JUL	66	97	121	91	148	192	133
	APR-SEP	73	108	136	91	167	220	149
NF MUSSELSHELL nr Delpine	APR-JUL	1.5	2.2	2.8	61	3.4	4.5	4.6
	APR-SEP	1.8	2.6	3.3	61	4.0	5.3	5.4
SF MUSSELSHELL abv Martinsdale	APR-JUL	12.0	21	29	56	38	53	52
	APR-SEP	12.5	23	31	55	41	58	56
MUSSELSHELL at Harlowton (2)	APR-JUL	6.1	14.0	36	47	58	90	77
	APR-SEP	7.1	15.5	37	46	58	90	81
MUSSELSHELL nr Roundup (2)	APR-JUL	0.0	10.8	27	27	69	132	99
	APR-SEP	0.0	10.0	26	26	68	130	102

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
SMITH RIVER	10.6	5.3	7.1	7.4
ACKLEY LAKE	7.0	2.2	2.5	3.2
BAIR	7.0	1.7	3.1	4.5
MARTINSDALE	23.1	0.7	3.5	10.9
DEADMAN'S BASIN	72.2	28.7	44.2	54.2

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SMITH	9	129	96
HIGHWOOD	0	656	0
JUDITH	8	121	91
MUSSELSHELL	8	154	83
SMITH-JUDITH-MUSSELSHELL	18	140	92

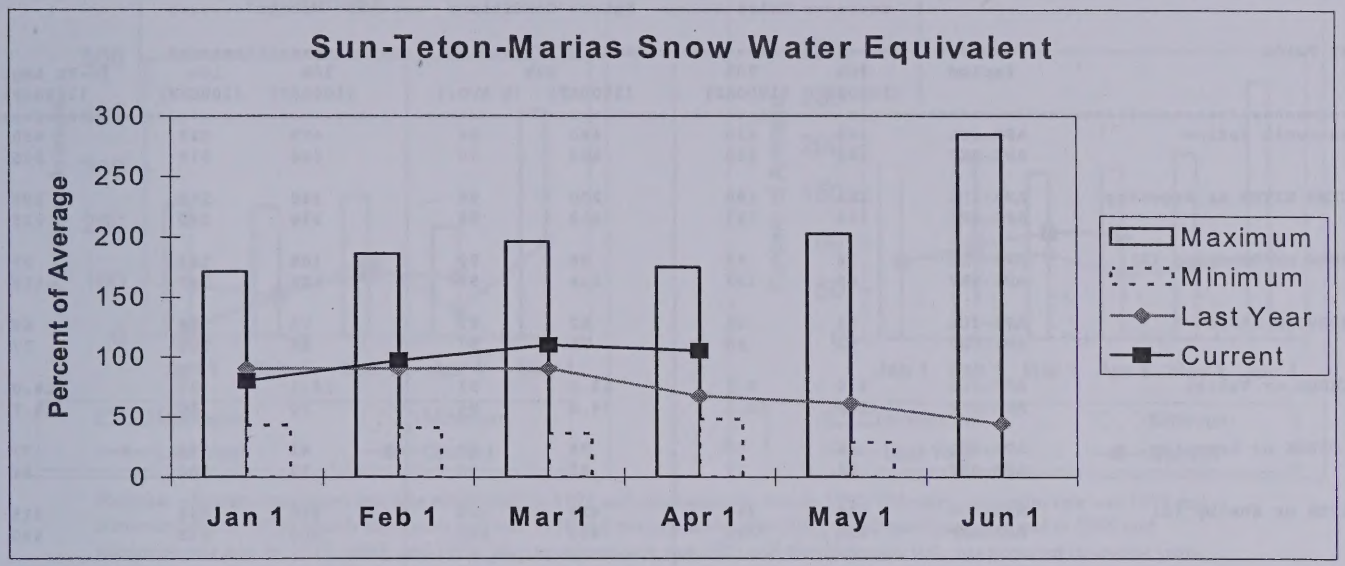
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

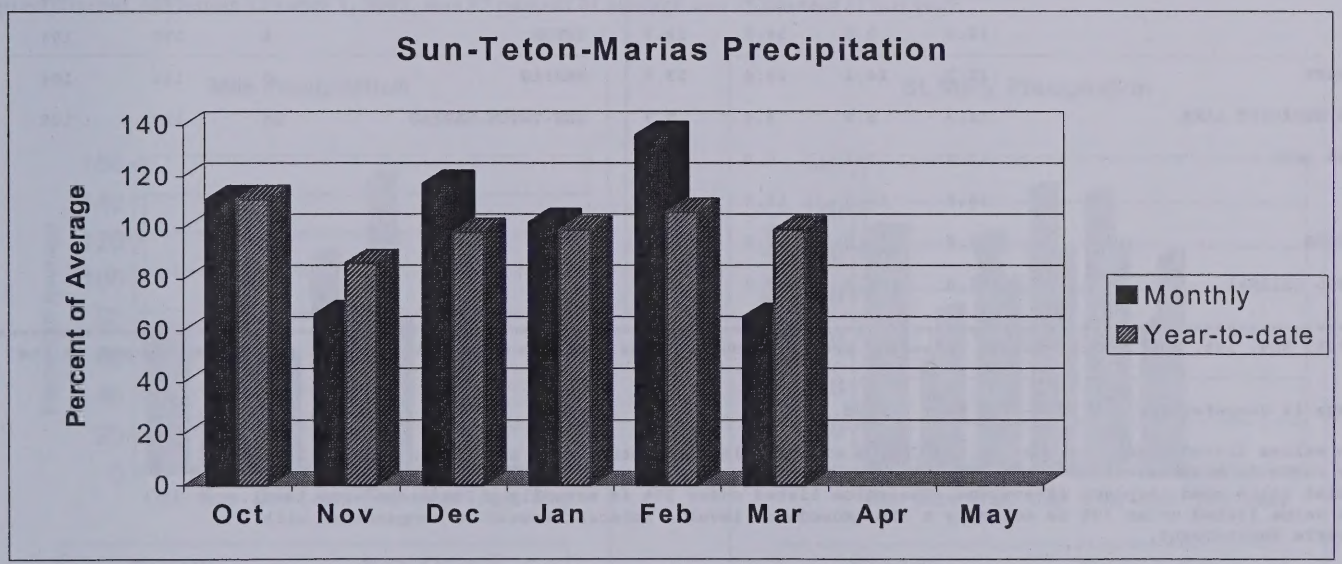
Sun-Teton-Marias River Basins

Snowpack conditions in the Sun-Teton-Marias River Basins were near average and decreased 5 percent from March 1. Snow water content was 105 percent of average and 157 percent of last year. Snow water content in the Sun River Basin was 105 percent of average and 180 percent of last year; the Teton River Basin was 103 percent of average and 152 percent of last year; and the Marias River Basin was 104 percent of average and 146 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during March in the Sun was 62 percent of average and 133 percent of last year; in the Teton was 57 percent of average and 110 percent of last year; and in the Marias was 69 percent of average and 137 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 99 percent of average and 100 percent of last year.



Gibson storage was 50 percent of average and 44 percent of last year; Pishkun storage was 0 percent of average; Willow Creek storage was 101 percent of average and 83 percent of last year; Lower Two Medicine Lake storage was 71 percent of average and 203 percent of last year; Four Horns Lake storage was 59 percent of average; Swift storage was 92 percent of average and 85 percent of last year; Lake Frances storage was 15 percent of average and 32 percent of last year; and Lake Elwell (Tiber) storage was 96 percent of average and 96 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 82 to 97 percent.

Surface Water Supply Index (SWSI) was -0.3 in the Sun River; +0.6 in the Teton River; -2.9 in the Birch/Dupuyer Creeks; -0.8 in the Marias above Tiber Reservoir; and -1.3 in the Marias below Tiber Reservoir.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GIBSON Reservoir Inflow	APR-JUL	365	410	440	96	475	525	460
	APR-SEP	400	450	485	96	520	575	505
TWO MEDICINE RIVER nr Browning	APR-JUL	153	180	200	98	220	255	205
	APR-SEP	164	191	210	98	230	260	215
BADGER CREEK nr Browning (2)	APR-JUL	76	89	98	99	108	123	99
	APR-SEP	88	103	114	99	125	143	115
SWIFT RESERVOIR Inflow	APR-JUL	43	54	62	97	70	84	64
	APR-SEP	53	66	75	97	85	100	77
DUPUYER CREEK nr Valier	APR-JUL	4.0	8.7	13.0	93	18.1	27	14.0
	APR-SEP	4.8	10.1	14.8	94	20	30	15.7
CUT BANK CREEK nr Browning	APR-JUL	56	67	75	97	83	96	77
	APR-SEP	61	73	81	96	90	104	84
MARIAS RIVER nr Shelby (2)	APR-JUL	285	360	415	100	470	545	415
	APR-SEP	295	380	440	100	500	585	440
TETON nr Dutton	APR-JUL	16.4	33	48	94	66	96	51
	APR-SEP	19.8	39	55	93	74	108	59

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
GIBSON	99.1	26.7	60.2	53.6
PISHKUN	32.0	0.0	14.3	18.3
WILLOW CREEK	32.2	24.1	29.0	23.8
LOWER TWO MEDICINE LAKE	11.9	6.9	3.4	9.7
FOUR HORNS LAKE	19.2	7.1	0.0	12.0
SWIFT	30.0	16.0	18.8	17.4
LAKE FRANCES	112.0	10.2	31.8	69.1
LAKE ELWELL (TIBER)	1347.0	622.5	647.0	645.6

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SUN	7	180	105
TETON	4	152	103
MARIAS	6	146	104
SUN-TETON-MARIAS	15	157	105

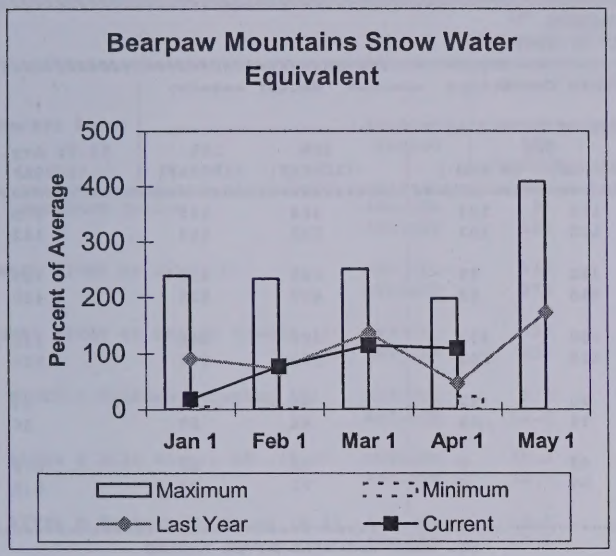
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

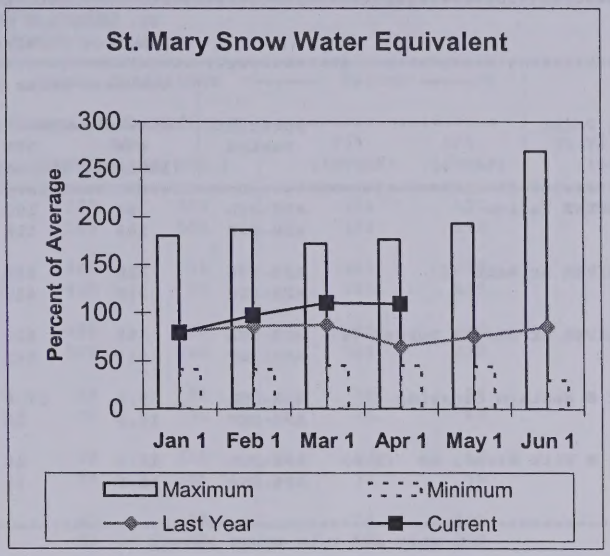
The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

St. Mary and Milk River Basins

Snowpack in the Saint Mary River Basin was slightly above average and decreased 2 percent from March 1. Snow water content was 109 percent of average and 174 percent of last year. The Milk River Basin (Bearpaw Mountains) was slightly above average and decreased 5 percent from March 1. Snow water content was 109 percent of average and 229 percent of last year.

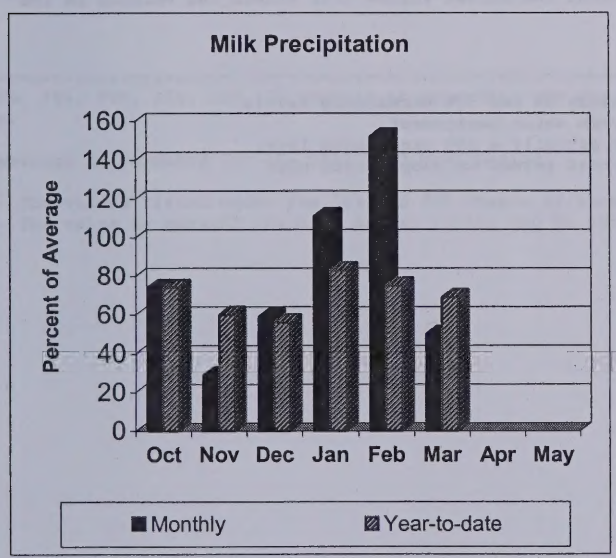


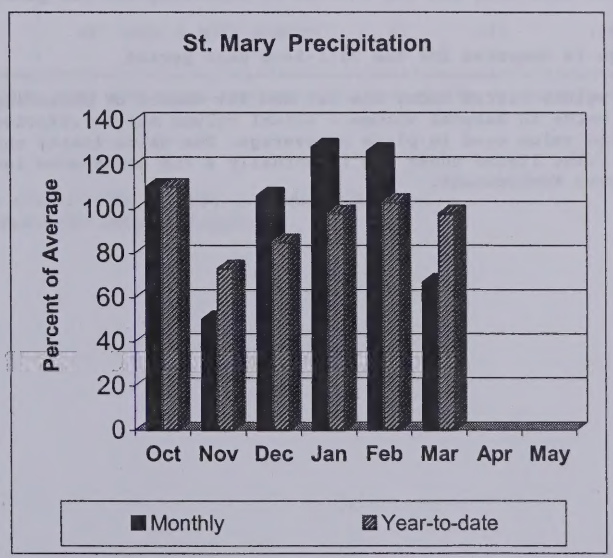


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 2005; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 19972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.

Mountain and valley precipitation in the St. Mary River Basin during March was 67 percent of average and 49 percent of last year; and in the Milk River Basin during March was 50 percent of average and 51 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 87 percent of average and 75 percent of last year.





Assuming average precipitation, April through July streamflows in the St. Mary are forecast to average 95 to 102 percent and in the Milk 59 to 88 percent.

Lake Sherburne storage was 88 percent of average and 76 percent of last year; Fresno storage was 41 percent of average and 41 percent of last year; Beaver Creek storage was 116 percent of average and 83 percent of last year; and Nelson storage was 86 percent of average and 89 percent of last year.

Surface Water Supply Index (SWSI) was +1.2 for the St. Mary and -1.9 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LAKE SHERBURNE Inflow	APR-JUL	93	102	108	103	114	123	105
	APR-SEP	108	118	125	103	132	142	122
ST. MARY RIVER nr Babb (2)	APR-JUL	330	360	380	99	400	430	385
	APR-SEP	375	415	445	99	475	515	450
ST. MARY RIVER at US/CAN Border (2)	APR-JUL	355	410	450	103	490	545	435
	APR-SEP	430	485	525	102	565	620	515
MILK RIVER @ Western Crossing (3)	APR-JUL	9.3	17.6	30	91	40	54	33
	APR-SEP	15.3	28	34	94	44	60	36
MILK RIVER @ Milk River, AB (2,3)	APR-JUL	15.3	28	49	0	64	87	0.0
	APR-SEP	16.7	31	54	0	71	96	0.0

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE SHERBURNE	64.3	22.7	30.0	25.7
FRESNO	127.0	30.5	75.0	75.0
BEAVER CREEK	3.5	2.9	3.5	2.5
NELSON	66.8	30.6	34.5	35.6

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
ST. MARY	3	167	109
BEARPAW MOUNTAINS	3	229	109
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	3	229	109
ST. MARY & MILK BASINS	6	174	109

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LAKE SHERBURNE Inflow	APR-JUL	93	102	108	103	114	123	105
	APR-SEP	108	118	125	103	132	142	122
ST. MARY RIVER nr Babb (2)	APR-JUL	330	360	380	99	400	430	385
	APR-SEP	375	415	445	99	475	515	450
ST. MARY RIVER at US/CAN Border (2)	APR-JUL	355	410	450	103	490	545	435
	APR-SEP	430	485	525	102	565	620	515
MILK RIVER @ Western Crossing (3)	APR-JUL	9.3	17.6	30	91	40	54	33
	APR-SEP	15.3	28	34	94	44	60	36
MILK RIVER @ Milk River, AB (2,3)	APR-JUL	15.3	28	49	111	64	87	44
	APR-SEP	16.7	31	54	106	71	96	51
MILK RIVER @ Eastern Crossing (2,3)	APR-JUL	15.5	31	57	93	76	105	61
	APR-SEP	17.3	35	64	93	85	117	69
BEAVER CREEK near Havre	APR-JUL	2.4	4.2	6.0	69	8.6	14.7	8.7

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE SHERBURNE	64.3	22.7	30.0	25.7
FRESNO	127.0	30.5	75.0	75.0
BEAVER CREEK	3.5	2.9	3.5	2.5
NELSON	66.8	30.6	34.5	35.6

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
ST. MARY	3	167	109
BEARPAW MOUNTAINS	3	229	109
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	3	229	109
ST. MARY & MILK BASINS	6	174	109

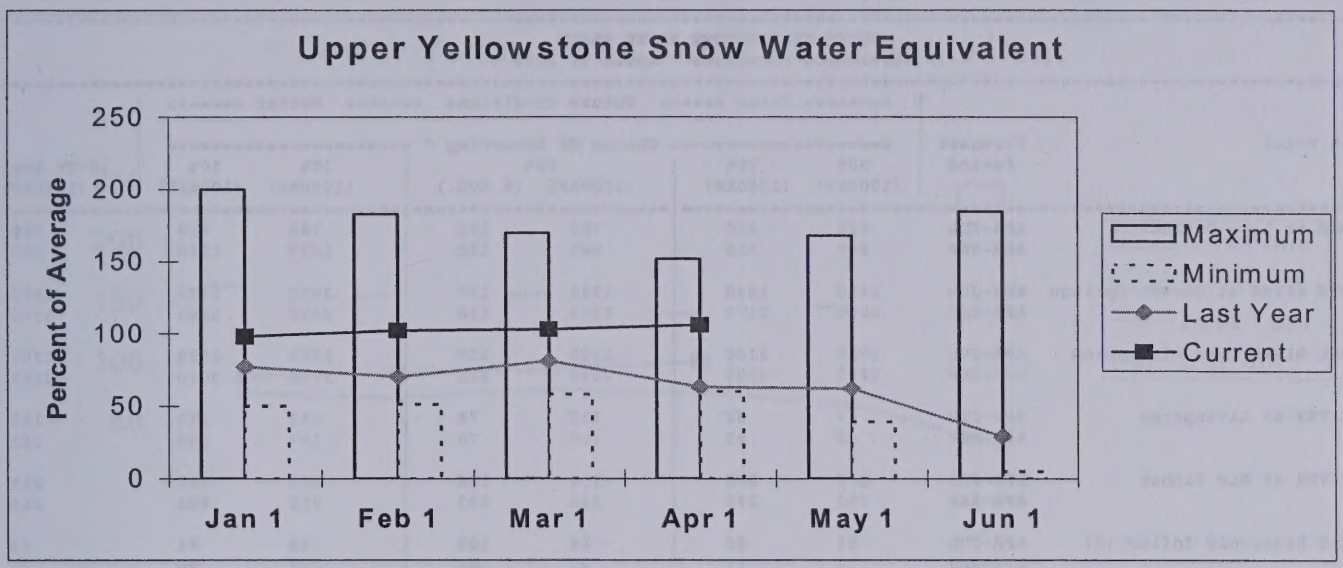
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

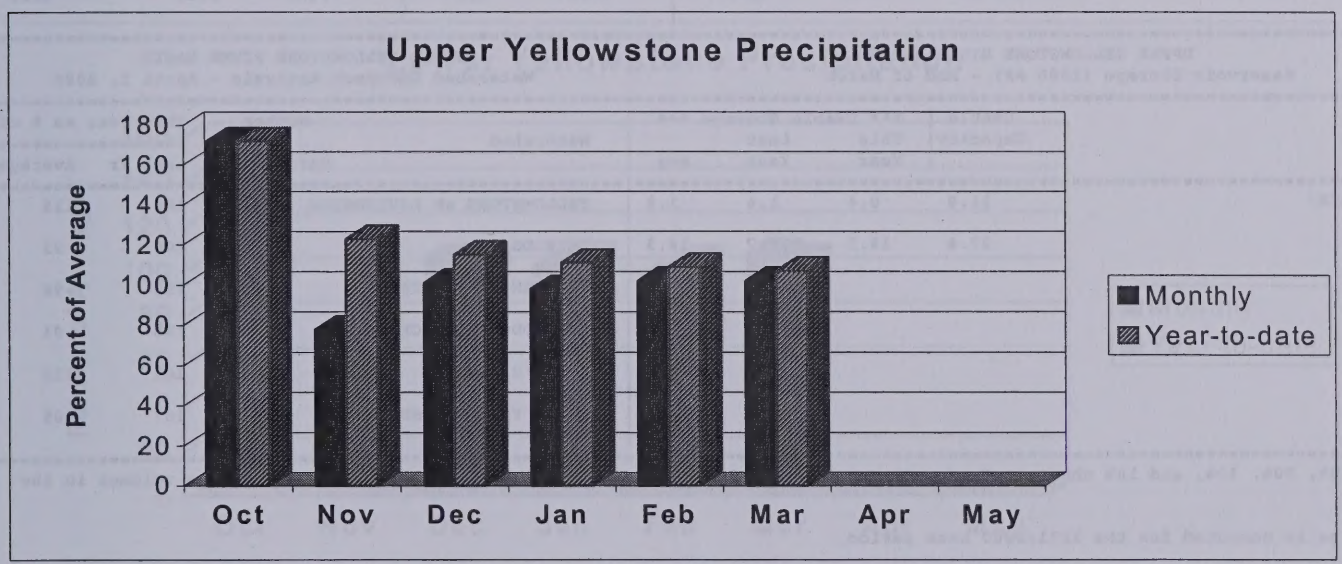
Upper Yellowstone River Basin

Snowpack conditions in the Upper Yellowstone River Basin were slightly above average and increased 3 percent from March 1. Snow water content was 106 percent of average and 167 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1971 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during March was 111 percent of average and 234 percent of last year. Valley precipitation during March was 40 percent of average and 54 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 107 percent of average and 117 percent of last year.



Mystic Lake storage was 22 percent of average and 29 percent of last year and Cooney storage was 100 percent of average and 98 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 94 to 103 percent.

Surface Water Supply Index (SWSI) was +2.0 in the Yellowstone River above Livingston; -0.3 in the Shields River; +0.7 in the Boulder River; +0.6 in the Stillwater River; -3.2 in the Rock/Red lodge Creeks; +2.5 in the Clarks Fork River; and +1.7 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
YELLOWSTONE at Lake Outlet	APR-JUL	620	680	720	122	760	820	590
	APR-SEP	840	915	965	120	1020	1090	805
YELLOWSTONE RIVER at Corwin Springs	APR-JUL	1690	1830	1930	117	2030	2170	1650
	APR-SEP	2000	2170	2290	116	2410	2580	1970
YELLOWSTONE RIVER near Livingston	APR-JUL	1920	2100	2220	117	2340	2520	1900
	APR-SEP	2280	2500	2640	116	2780	3000	2280
SHIELDS RIVER nr Livingston	APR-JUL	47	86	113	78	140	179	145
	APR-SEP	49	95	126	78	157	205	162
BOULDER RIVER at Big Timber	APR-JUL	235	275	300	105	325	365	285
	APR-SEP	250	295	325	103	355	400	315
MYSTIC LAKE Reservoir Inflow (2)	APR-JUL	54	60	64	109	68	74	59
	APR-SEP	70	77	82	108	87	94	76
STILLWATER RIVER nr Absarokee (2)	APR-JUL	390	450	495	100	540	600	495
	APR-SEP	470	540	590	101	640	710	585
CLARKS FORK RIVER nr Belfry	APR-JUL	585	625	655	121	685	725	540
	APR-SEP	650	695	725	122	755	800	595
COONEY RESERVOIR Inflow (2)	APR-JUL	3.8	15.2	23	49	31	42	47
	APR-SEP	6.9	19.5	28	49	37	49	57
YELLOWSTONE RIVER at Billings (2)	APR-JUL	3280	3690	3970	113	4250	4660	3510
	APR-SEP	3580	4320	4660	113	5000	5740	4120

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MYSTIC LAKE	21.0	0.4	1.4	1.8
COONEY	27.4	18.3	18.7	18.3

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
YELLOWSTONE ab LIVINGSTON	18	166	115
SHIELDS	6	169	92
BOULDER-STILLWATER	7	159	98
RED LODGE-ROCK CREEK	7	195	91
CLARK'S FORK	7	161	113
UPPER YELLOWSTONE BASIN	41	167	106

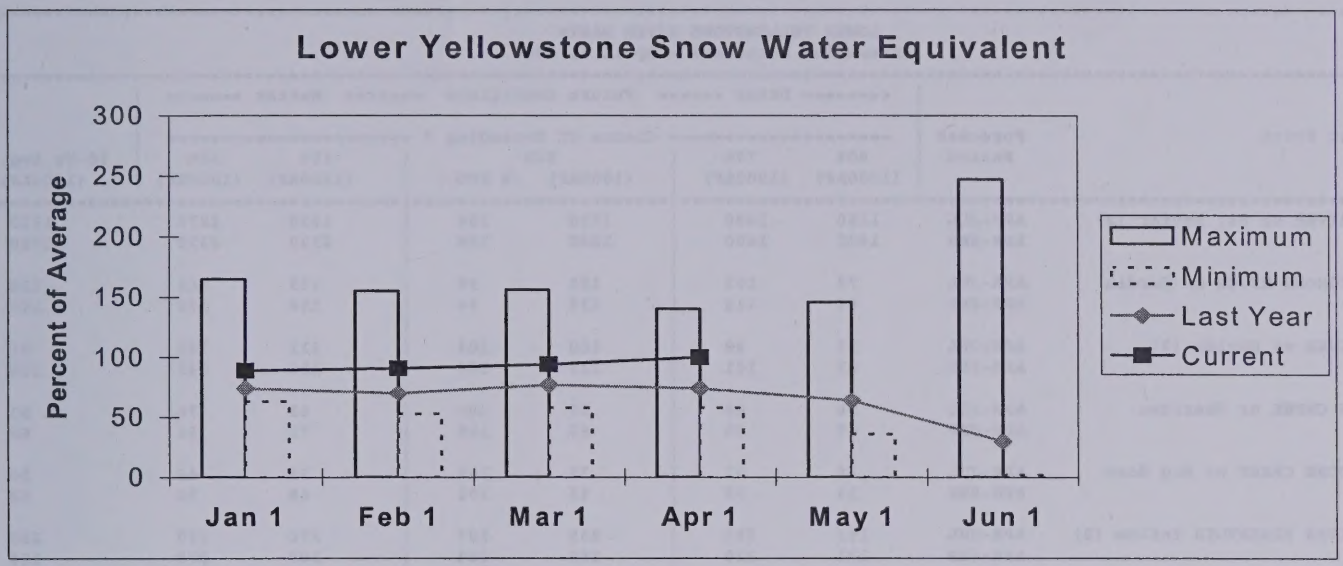
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

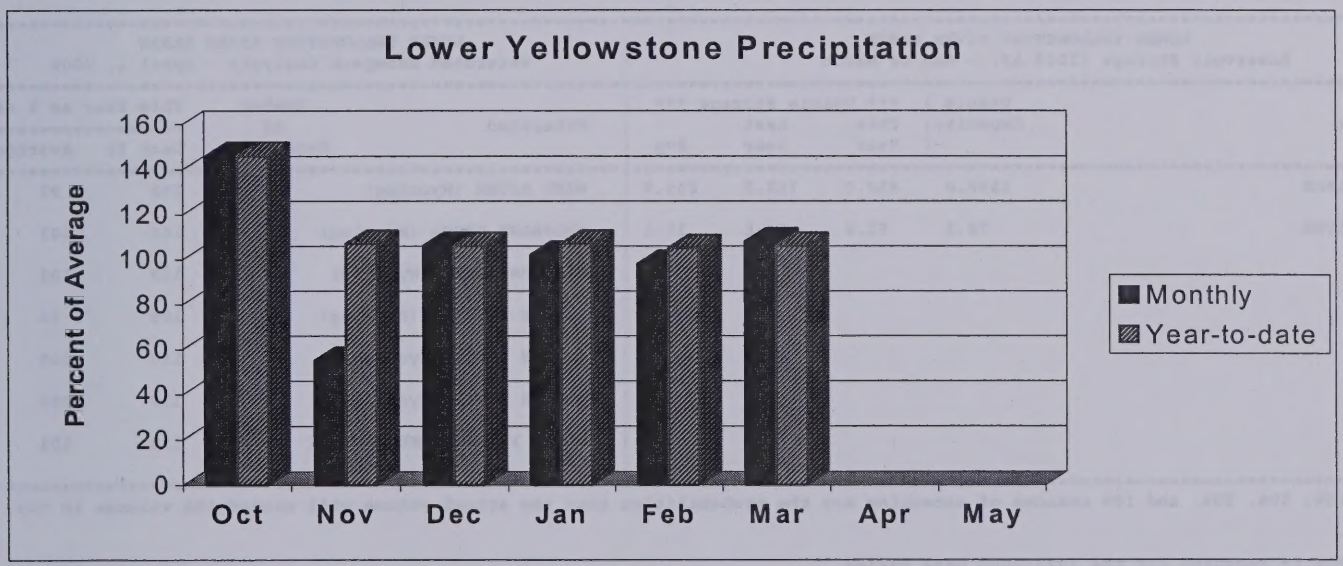
Lower Yellowstone River Basin

Snowpack conditions in the Lower Yellowstone River Basin were average and increased 6 percent from March 1. Snow water content was 100 percent of average and 137 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during March was 108 percent of average and 84 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 106 percent of average and 109 percent of last year.



Bighorn Lake storage was 100 percent of average and 104 percent of last year and Tongue River storage was 172 percent of average and 83 percent of last year.

Assuming average precipitation, April through July streamflows are forecast to average 92 to 107 percent.

Surface Water Supply Index (SWSI) was +0.1 in the Bighorn River below Bighorn Lake; +1.2 in the Little Bighorn River; +1.0 in the Yellowstone River below Bighorn River; +2.7 in the Tongue River; and +2.0 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
BIGHORN RIVER nr St. Xavier (2)	APR-JUL	1150	1490	1710	106	1930	2270	1610
	APR-SEP	1400	1600	1860	106	2120	2320	1760
LITTLE BIGHORN RIVER nr Hardin	APR-JUL	79	103	120	94	139	169	128
	APR-SEP	84	115	135	94	156	186	144
TONGUE RIVER nr Dayton (2)	APR-JUL	75	89	100	104	111	129	96
	APR-SEP	85	101	113	104	126	145	109
BIG GOOSE CREEK nr Sheridan	APR-JUL	38	48	55	106	63	76	52
	APR-SEP	45	55	63	105	71	84	60
LITTLE GOOSE CREEK nr Big Horn	APR-JUL	26	31	35	103	39	46	34
	APR-SEP	33	39	43	102	48	55	42
TONGUE RIVER RESERVOIR Inflow (2)	APR-JUL	157	200	235	107	270	330	220
	APR-SEP	171	220	260	104	300	370	250
YELLOWSTONE RIVER at Miles City (2)	APR-JUL	4680	5370	5840	109	6310	7000	5360
	APR-SEP	5160	6200	6780	109	7360	8400	6210
POWDER RIVER at Moorehead	APR-JUL	124	183	230	112	280	370	205
	APR-SEP	148	210	260	113	315	405	230
POWDER RIVER nr Locate	APR-JUL	136	215	265	113	315	395	235
	APR-SEP	156	240	300	115	360	445	260
YELLOWSTONE RIVER nr Sidney (2)	APR-JUL	4580	5440	6030	110	6620	7480	5480
	APR-SEP	5270	6170	6910	110	7650	8550	6280

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BIGHORN LAKE	1356.0	810.0	782.2	809.9
TONGUE RIVER	79.1	51.8	62.1	30.1

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - April 1, 2008

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WIND RIVER (Wyoming)	20	152	97
SHOSHONE RIVER (Wyoming)	6	163	101
BIGHORN RIVER (Wyoming)	20	139	103
LITTLE BIGHORN (Wyoming)	3	105	96
TONGUE RIVER (Wyoming)	10	110	105
POWDER RIVER (Wyoming)	9	132	109
LOWER YELLOWSTONE BASIN (	48	138	101

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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(2) - The value is natural volume - actual volume may be affected by upstream water management.
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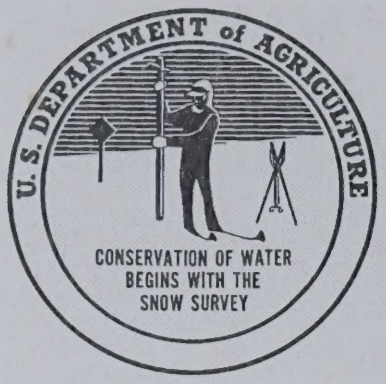

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Montana
Water Supply Outlook Report

Natural Resources Conservation Service
Bozeman, MT